



A contribution to the knowledge of the spider fauna of Galápagos (Ecuador).

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Abstract

In this contribution to the knowledge of the spider fauna of the Galápagos (Ecuador) the distribution pattern of 49 species is given. This is based on material collected by ourselves during February, March and April 1982 and also on some earlier collections made on these islands.

Introduction

Since ROTH & CRAIG (1970), no general studies on the spider fauna of the Galápagos archipelago appeared. With this contribution we want to summarize what is known of the distribution of the well described spider species of these islands. Due to a lack of good recent descriptions and/or revisional work a large deal of the spider material collected on the Galápagos can not be identified with certainty. For instance, in the material we gathered during 1982 some 30 species could not be named as yet. In collaboration with other specialists we are trying to ameliorate that situation.

For each of the discussed species we give :

- the literature references ;
- the origin of the material we examined and for which distribution maps were made. We used the following abbreviations. "Baert & Maelfait" refers to the material we gathered during a three month stay on the islands in 1982 (February, March and April). The localities sampled during that visit are indicated on Map 2. A short description of each of them is given in the next paragraph. "Leleup" and "Jacquemart" refer to the material collected by these Belgian entomologists during respectively September 1964 till February 1965 and January 1974 till March 1974. We also could examine material from the C.A.S. (California Academy of Sciences, San Francisco) and the A.M.N.H. (American Museum of Natural History, New York). We express our gratitude to Dr. W.J. Pulawski and to Dr. N. I. Platnick for the loans. The distribution of all the above mentioned material is also indicated on the map for each species. We also indicated, where possible, the localities of the examined material collected by Leleup and Jacquemart and the material belonging to the C.A.S. and A.M.N.H. (see black dots, triangles and squares).
 - the number of males (♂), females (♀) and/or juveniles (j) that was collected and the month (I to XII) during which this was done ;
 - the months and locality records mentioned in the literature ;
 - the zoogeographic affinities as far as those are known ;
 - the habitat choice of the species as this could be deduced from our captures.

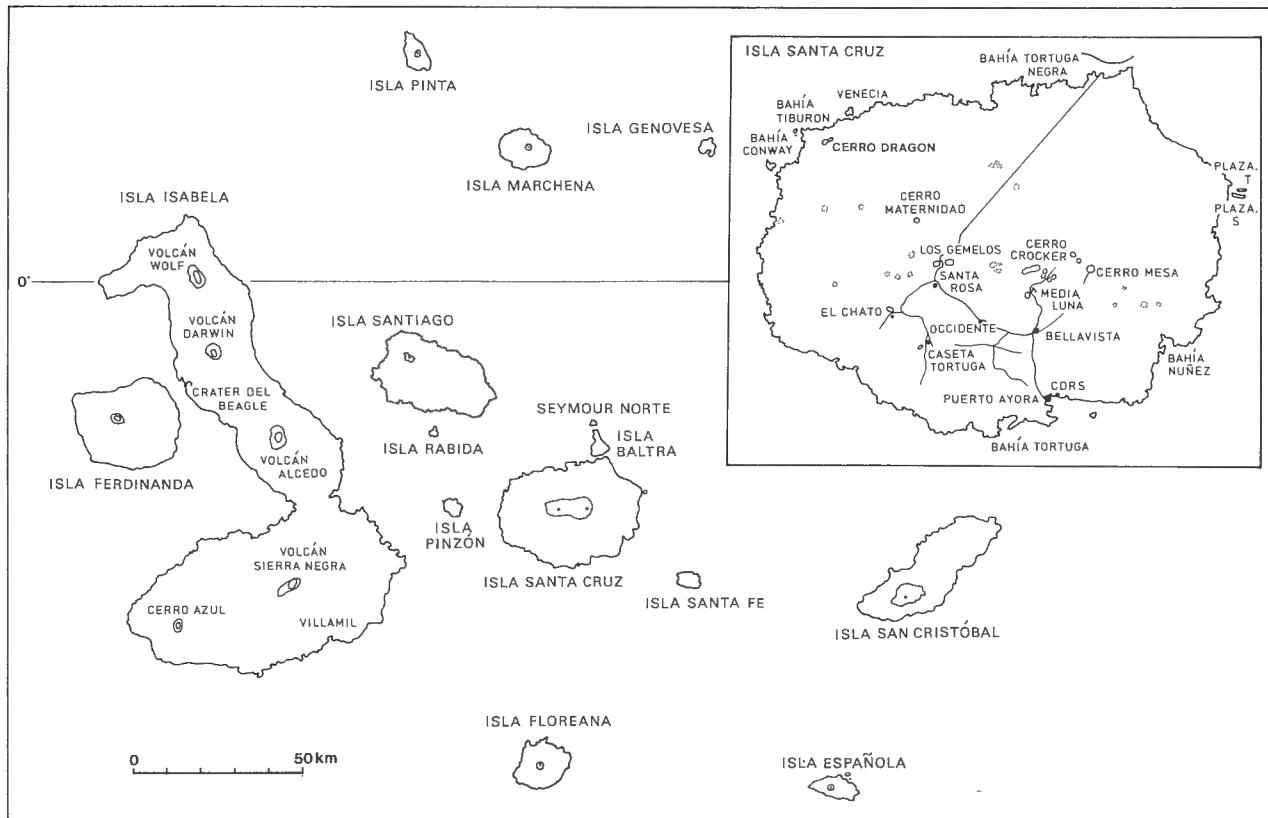
Localities sampled during 1982 (Map 2)

Locality 1 : Charles Darwin Research Station (C.D.R.S.).

The following habitats were sampled :

- the littoral zone, under accumulated leaves of the red mangrove (*Rhizophora mangle*), the salt bush (*Cryptocarpus pyriformis*) and also between the succulent herb *Sesuvium portulacastrum* ;
- in the dry arid zone, on bushes (e.g. *Croton scouleri*, *Scutia pauciflora*) and tree-cacti (*Opuntia echios* and *Jasminocereus thouarsii*) and in the litter of these plants ;
- in sedge tussocks near a fresh water pond in the vicinity of the seismological station (on the Barranco) ;

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Map 1 : General map of the Galápagos Islands.

- in the detritus on the bottom of an earth fissure (ca. 10 m beneath ground surface level) ;
- in the buildings of the CDRS.

Locality 2 : Bahía Tortuga

Spiders were collected in detritus along the beach, in a salt marsh with grasses and succulent herbs (*Sesuvium portulacastrum*), in the litter of mangroves (*Rhizophora mangle*, *Laguncularia racemosa*, *Avicennia germinans*), on coral sand, dune overgrown by the twining vine *Ipomoea triloba*. A few specimens were gathered in fissures a few hundred meters from the laguna.

Locality 3 : Caseta Occidente

Situated at an altitude of ca. 170 m in the Transition zone. Trees and high evergreen bushes (*Psidium galapageium*, *Pisonia floribunda*, *Hippomane mancinella*, *Zanthoxylum fagara*) with epiphytes (bromeliads, orchids, lichens and mosses). Sampling was done between dead leaves, under dead wood, on herbage, in the "Caseta" itself and in the dry bed of a rivulet.

Locality 4 : Caseta Tortuga

In the vicinity of the field station of the tortoise reserve of Santa Cruz (ca. 150 m above sea level). Spiders were gathered in the litter layer of a woodland dominated by *Scalesia* trees with an undergrowth of *Psidium* and *Xanthophyllum* bushes, also in an open grassy area.

Locality 5 : El Chato

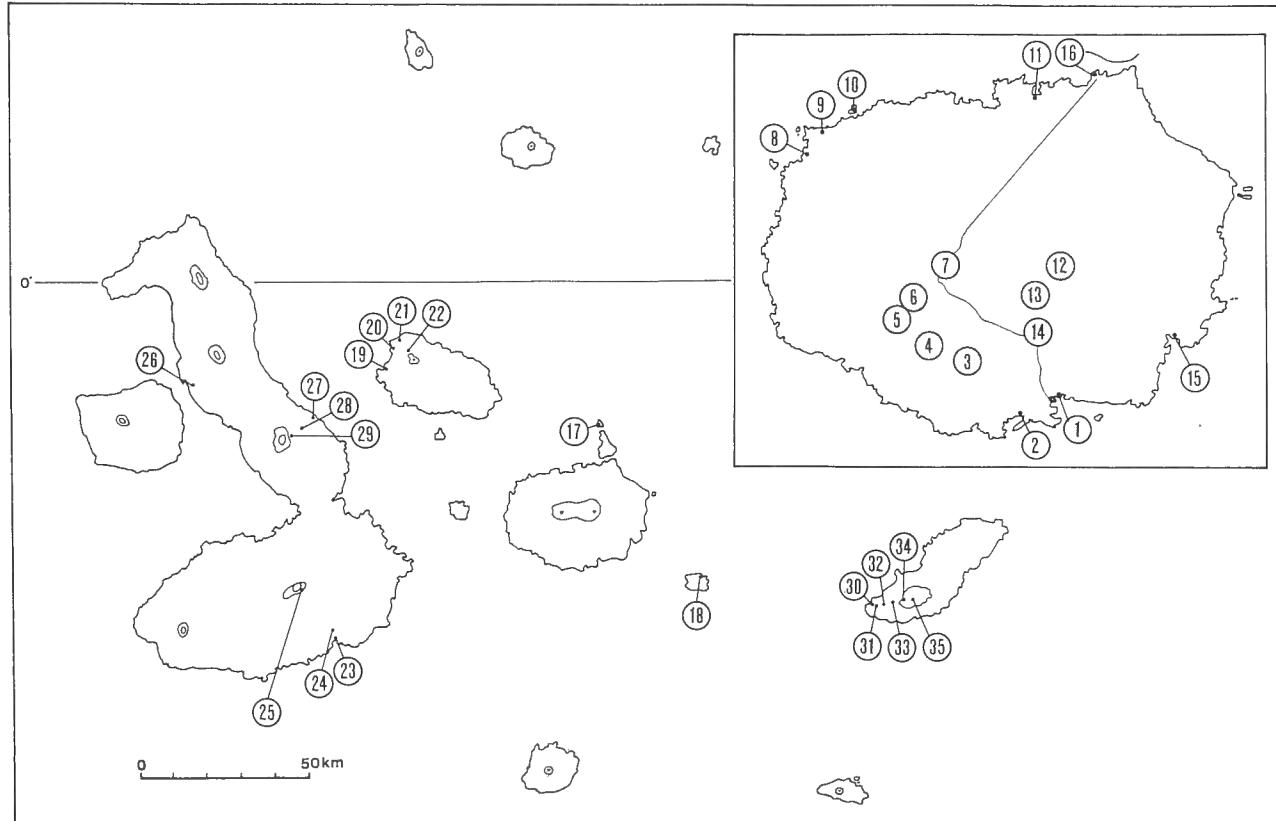
At an altitude of approximately 230 m. Spiders were collected in an open grassy area and in detritus of the Transition woodland.

Locality 6 : Mora vegetation

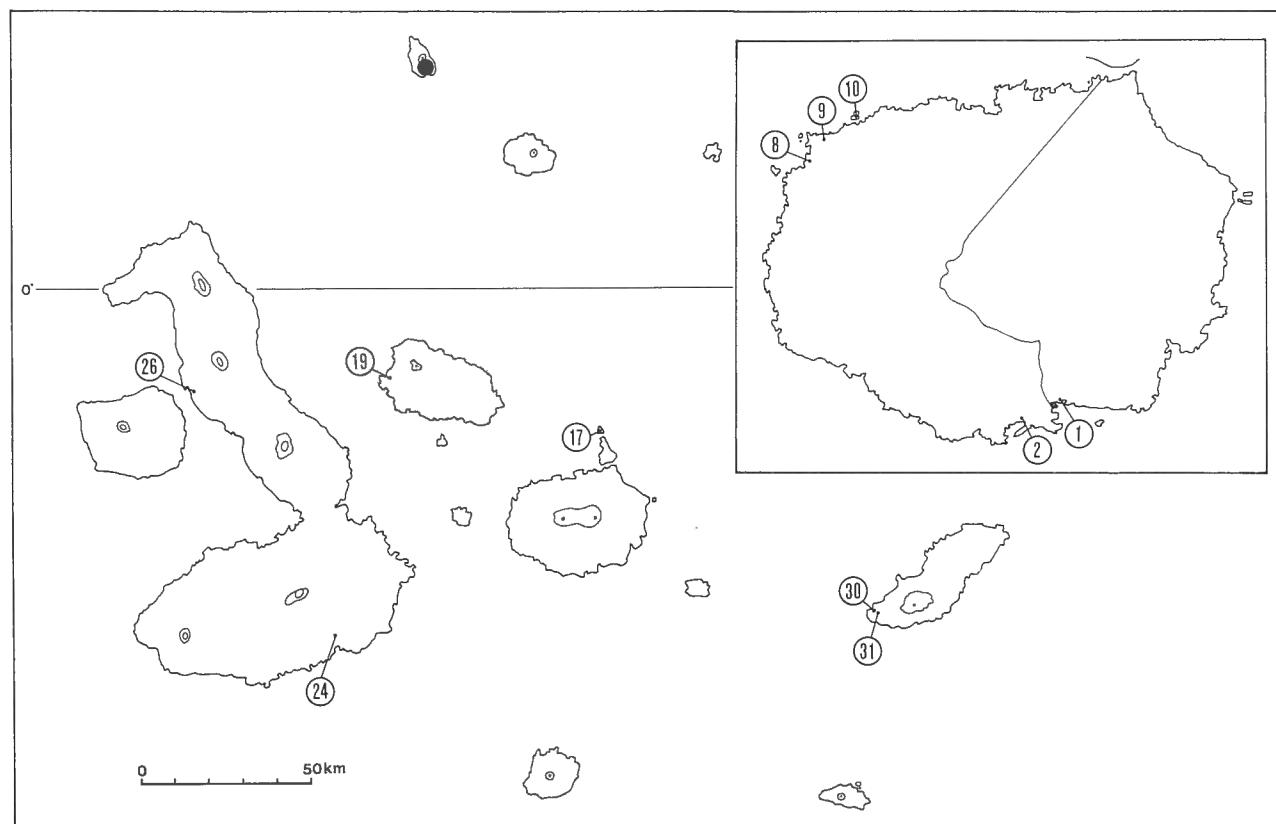
Abandoned culture land overgrown by a low prickly shrub (Mora, *Caesalpina bonduc*) along the path from Caseta Tortuga to Santa Rosa (altitude : 280-320 m).

Locality 7 : Los Gemelos

Open area at an altitude of 580 m in the vicinity of the two sink holes (pit craters) called "Los Gemelos"



Map 2 : Localities sampled during 1982.

Map 3 : *Argiope argentata*.

with a humid vegetation zone (sedges, ferns and grasses). Some spiders were also collected in the litter of an adjacent *Scalesia* forest (*Scalesia pedunculata parviflora*) with a dense understory of *Miconia robinsoniana*, *Darwiniothamnus tenuifolius*, *Tournefortia* sp., *Polypodium tridens*, ...).

Locality 8 : Bahía Conway

Littoral zone with mangroves and dry arid zone dominated by prickly pear cactus (*Opuntia echios*) and the small tree "Palo Santo" (*Bursera malacophylla*).

Locality 9 : Bahía Tiburón

Salt marsh area with a vegetation of succulent herbs, surrounded by tree cacti and other bushes and trees of the dry arid zone.

Locality 10 : Isla Venecia

This islet is completely occupied by mangroves and plants typical for the dry arid zone.

Locality 11 : Bahía Tortuga Negra

A cove surrounded by mangroves and salt marsh vegetation.

Locality 12 : Cerro Crocker

Grassy area with ferns surrounded by *Scalesia* forest situated at the northeast of Cerro Crocker at an altitude of approximately 570 m.

Locality 13 : Media Luna

The pampa zone of Santa Cruz with ferns, sedges, grasses and a few low bushes. Sphagnum bogs occurring in collapsed lava tubes were also intensively sampled (altitude : 500-700 m).

Locality 14 : Bellavista

Samples from herbs, grasses, bushes and trees, also from underneath stones and dead wood logs in the Culture zone along the trail from Bellavista to Media Luna (altitude between 200 and 400 m).

Locality 15 : Bahía Nuñez

Between detritus of the tide mark on a sandy beach.

Locality 16 : Canal de Itabaca

In the vicinity of the landing stage in the north of Santa Cruz (mangroves, dry arid zone, watchman's hut).

Locality 17 : Seymour Norte

Low lying very arid islet scanty vegetated with small bushes and cacti.

Locality 18 : Santa Fe

Littoral zone, but especially dry arid zone of the northeast coast of that small low island.

Locality 19 : Puerto Egas

A site at the western coast of Santiago with a highly disturbed dry arid vegetation due to high abundance of feral goats and earlier salt mining activities. Spiders were collected under stones, between grasses, herbs and in ruined buildings.

Locality 20 : Playa Espumila

Spiders were collected in the litter accumulated under the mangroves surrounding the salt-water lagoon.

Locality 21 : Caleta Bucanero

Arid zone vegetation heavily damaged by feral goat grazing. The dominant larger plants are *Cordia lutea*, *Croton scouleri* and *Opuntia galapageia*. Grasses, low lying herbs (*Coldenia* spec.) and flat pyroclastic stones offer spiders some protection against the burning sun.

Locality 22 : Transition zone of Santiago

In this zone dominant tree species are : *Pisonia floribunda*, *Psidium* and *Zanthophyllum*. Litter is accumulated between the carpet of annual herbs and between large boulders of lavablocs. This zone was sampled between 300 and 600 m above sea level.

Locality 23 : Coast at Villamil

At this locality we collected spiders in the litter and the grassy vegetation of the lagoons near the beach and also in the buildings.

Locality 24 : Marsh near Villamil

A marshy area along the road from Villamil to Santo Tomás at 4 Km from the coast, with a very dense and high grassy vegetation in the wettest places. The marsh is surrounded by the typical dry arid vegetation.

Locality 25 : Rim and southeast flanks of Volcán Sierra Negra. At an altitude of approximately 1060 m. On the rim itself there is a high grassy vegetation which is shortgrazed along the flanks by the free roaming cattle and horses.

Locality 26 : Volcán Beagle

The following habitats were sampled at this locality :

- bushes of *Cryptocarpus pyriformis* ;
- litter of *Bursera graveolens* ;
- grasses, low bushes, cacti and underneath stones along the rim of the crater (up to 250 m) ;
- the litter and humus accumulated at the bottom of lava fissures ;
- the beach of the salt water lagoon inside the crater.

Locality 27 : East coast of Volcán Alcedo

Low, very sparse arid vegetation. Most spiders were collected under the rosettes of *Coldenia*.

Locality 28 : Eastern flank of Volcán Alcedo at 600 m

Dry arid Transition zone. Sampled in grass tussocks, litter and humus in fissure.

Locality 29 : Eastern flank of Volcán Alcedo at 800 m

Dense woodland with *Scalesia microcephala*, *Croton scouleri*, *Pisonia floribundum*, *Psidium galapageium*, comparable to highest parts of the Transition zone of Santa Cruz. Also inhabited by giant tortoises.

Locality 30 : Puerto Baquerizo Moreno

Collections were made in buildings, in detritus and litter of a small sandy beach and between lava blocks of the arid zone.

Locality 31 : Transition zone of San Cristóbal

In litter and underneath stones of Transition woodland at an altitude of 150 m.

Locality 32 : El Progreso

In the buildings of that village, underneath stones and on herbs and grasses of the road verges (altitude 250-400 m).

Locality 33 : San Cristóbal at an altitude of 500 m

In the grassy and fern cover under a dense stand of *Psidium guajava*.

Locality 34 : San Cristóbal at an altitude of 600 m

Under lava blocks along the road and in the vicinity of a wateringplace for the free roaming cattle.

Locality 35 : El Junco

On the grassy, heavily grazed and trampled borders of the craterlake El Junco (altitude of 700 m).

ANYPHAENIDAE***Teuidis (?) pacifica* (BANKS, 1902)****References**

- Aysha pacifica* BANKS, 1902 : p. 58, pl. 1, fig. 11.
- SNODGRASS (1902) : p. 71. - BANKS (1930) : p. 273. - ROEWER (1954) : p. 533. - BONNET (1955) : p. 838.

Teuidis (?) pacifica (BANKS, 1902) : ROTH & CRAIG (1970) : p. 116.

Material examined (Map 7)

- Baert & Maelfait : SANTA CRUZ : Locality 3 (1 ♀ : III), Locality 4 (1 ♂ : III).
- Leleup : SANTA CRUZ : CDRS-fissure (1 ♂, 1 ♀ : IX).
- Jacquemart : SANTA CRUZ : *Scalesia* zone (1 ♂, 1 ♀ : I).
- C.A.S. : SANTA CRUZ : *Scalesia* along Bellavista-trail (1 ♂ : II), Bahía de la Academia (1 j. : II), East slope at 160 m (1 j. : IV) ; PINZON : valley area at upper caldera (1 ♀ : II).
- A.M.N.H. : SEYMOUR NORTE : (1 ♂ : I).

Records mentioned in literature

Floreana (X), Isabela (I, mangrove swamp at Turtle point), Pinzón (II), San Cristóbal (V), Santa Cruz.

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Arid coastal, Transition and *Scalesia* zones.

ARANEIDAE***Argiope argentata* (FABRICIUS, 1775)****References**

- Argiope argentata* (FABRICIUS, 1775) : - BANKS (1902) : p. 60. - SNODGRASS (1902) : p. 74. - BANKS (1924) : p. 97. - BANKS (1930) : p. 276. - ROEWER (1942) : p. 744 (*Argyope*). - BONNET (1955) : p. 673. - LEVI (1968) : p. 345, pl. 1, figs. 42, 73, 112-136, map 5. - ROTH & CRAIG (1970) : p. 116. - LUBIN (1982) : p. 119.

Material examined (Map 3)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (3 ♂ ♂, 4 ♀ ♀, j. : II, III), Locality 2 (1 j. : II), Locality 8 (2 ♀ ♀ : IV), Locality 9 (2 ♂ ♂, 2 ♀ ♀, j. : IV), Locality 10 (5 ♂ ♂, 10 ♀ ♀, j. : IV) ; SEYMOUR NORTE : Locality 17 (5 ♀ ♀, 1 j. : IV) ; SANTIAGO : Locality 19 (1 ♀ : IV) ; ISABELA : Locality 24 (2 ♀ ♀, 1 J. : III), Locality 26 (1 ♂, 5 ♀ ♀, 1 j. : II) ; SAN CRISTOBAL : Locality 30 (1 j. : III), Locality 31 (1 ♀ : III).
- Jacquemart : PINTA : dry arid zone (1 ♂ : III).

Records mentioned in literature

Baltra (IV), Daphne (IV, XII), Española (V), Fernandina (IV), Floreana (V, X), Genovesa (IV), Isabela (mangrove swamp at Turtle Bay, V), Marchena (VI), Pinzón (IV), Rábida, Santa Cruz (IV, V, XII), Santa Fe (V), Santiago (IV), Seymour Norte, Wolf.

Zoogeographic affinities

Southern U.S.A. (Arizona, California, Texas and Florida) ; Mexico, Central America, West Indian Antilles, South America (to central Argentina, absent from Chile, except for the northernmost tip) (LEVI, 1968).

Habitat choice

Especially in the arid coastal zone ; on Isabela at the top of the rim of the Volcán Beagle (225 m).

Cyclosa turbinata (WALCKENAER, 1841)

References

Cyclosa caudata (HENTZ, 1835) : - BANKS (1902) : p. 61. - SNODGRASS (1902) : p. 77. - BANKS (1930) : p. 276. - BONNET (1956) : p. 1325.

Cyclosa turbinata (WALCKENAER, 1841) : - ROTH & CRAIG (1970) : p. 116. - LEVI (1977) : p. 80, pl. 2, figs. 20, 38-50, map 2.

Material examined (Map 4)

- Baert & Maelfait : SANTA CRUZ : Locality 8 (1♂, 1 j. : IV) ; SANTA FE : Locality 18 (10♀♀ : IV), ISABELA : Locality 26 (1♂, 8♀♀, 1 j. : II) ; SAN CRISTOBAL : Locality 30 (1♀ : III).

- A.M.N.H. : GENOVESA : (1♂, 1♀ : VI) ; ISABELA : Caleta Tagus (♀♀ : I, III).

Records mentioned in literature

Baltra, Española (I-V), Fernandina (along eastern shore, I-V), Floreana (VIII), Isabela (lava fields at Caleta Tagus and Bahía Elisabeth, I-V), Santa Cruz (I-V), Santiago (Bahía de James).

Zoogeographic affinities

U.S.A. (Connecticut, central New York, southern Michigan to Washington), south to Central America, West Indian Antilles, Bermuda Isl. and Cocos Isl. (LEVI, 1977).

Habitat choice

Restricted to dry arid zone.

Gasteracantha cancriformis (LINNAEUS, 1767)

References

Gasteracantha insulana THORELL, 1859 : - BUTLER (1877) : p. 76, pl. XIII, figs. 1-1c. - MARX (1889) : p. 210. - BANKS (1902) : p. 60. - SNOD-

GRASS (1902) : p. 73. - BANKS (1924) : p. 97. - BANKS (1930) : p. 276 (*G. insularis*).

Gasteracantha servillei (GUERIN, 1825) : - ROEWER (1942) : p. 950. - BONNET (1957) : p. 1967. - ROTH & CRAIG (1970) : p. 116.

Gasteracantha cancriformis (LINNAEUS, 1767) : LEVI (1978) : p. 437, pl. 2, figs. 69-84, map 3. - LUBIN, 1985 : p. 492.

Material examined (Map 5)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (1♂, 1♀ : IV), Locality 2 (2 j. : II), Locality 3 (2 j. : III), Locality 14 (4♀♀, j. : II, III) ; SANTIAGO : Locality 20 (1♂, 1♀, j. : IV) ; ISABELA : Locality 24 (3♀♀ : III) ; SAN CRISTOBAL : Locality 31 (1♂, 2♀♀ : III).

- Leleup : FLOREANA : south (j. : I) ; ISABELA : swampy area at 4 Km from Villamil along the road to Santo Thomás (♀♀, j. : XI).

- C.A.S. : FLOREANA : at an altitude of 120 m (2♀♀ : IV, X) ; ISABELA : Bahía Banks (4♀♀ : IV), at the public beach anchorage (3♀♀ : IV) ; SAN CRISTOBAL : at an altitude of 300 m (4♀♀ : I, X) ; SANTA CRUZ : Bahía de la Academia, CDRS (♀♀ : II), Horneman farm, alt. 200 m (♀ : V), Scalesia wood (1♀ : III), Cerro Mesa, alt. 400 m (♀♀ : IV) ; PINTA : South-coast (1♀ : V).

- A.M.N.H. : ISABELA : Caleta Tagus (1♀ : III) ; SAN CRISTOBAL : (1♀ : IX) ; SANTA CRUZ : Bahía Conway (1♀ : III), Bahía de la Academia (♀♀ : III, IV), South coast (1♀ : VII).

Records mentioned in literature

Fernandina (I), Floreana (V, VI), Isabela (Caleta Tagus, Bahía Elisabeth and Caleta Iguana, I, VI), Pinta, San Cristóbal (V), Santa Cruz, (e.g. Puerto Ayora) Santa Fe and Santiago (e.g. Los Guayabillos).

Zoogeographic affinities

Southern U.S.A. (North Carolina to South California), south to northern Argentina (Mexico, West Indian Antilles and Central America) (LEVI, 1978).

Habitat choice

Dry arid and Transition (Culture) zones.

Metazygia gregalis (O.-P. CAMBRIDGE, 1889)

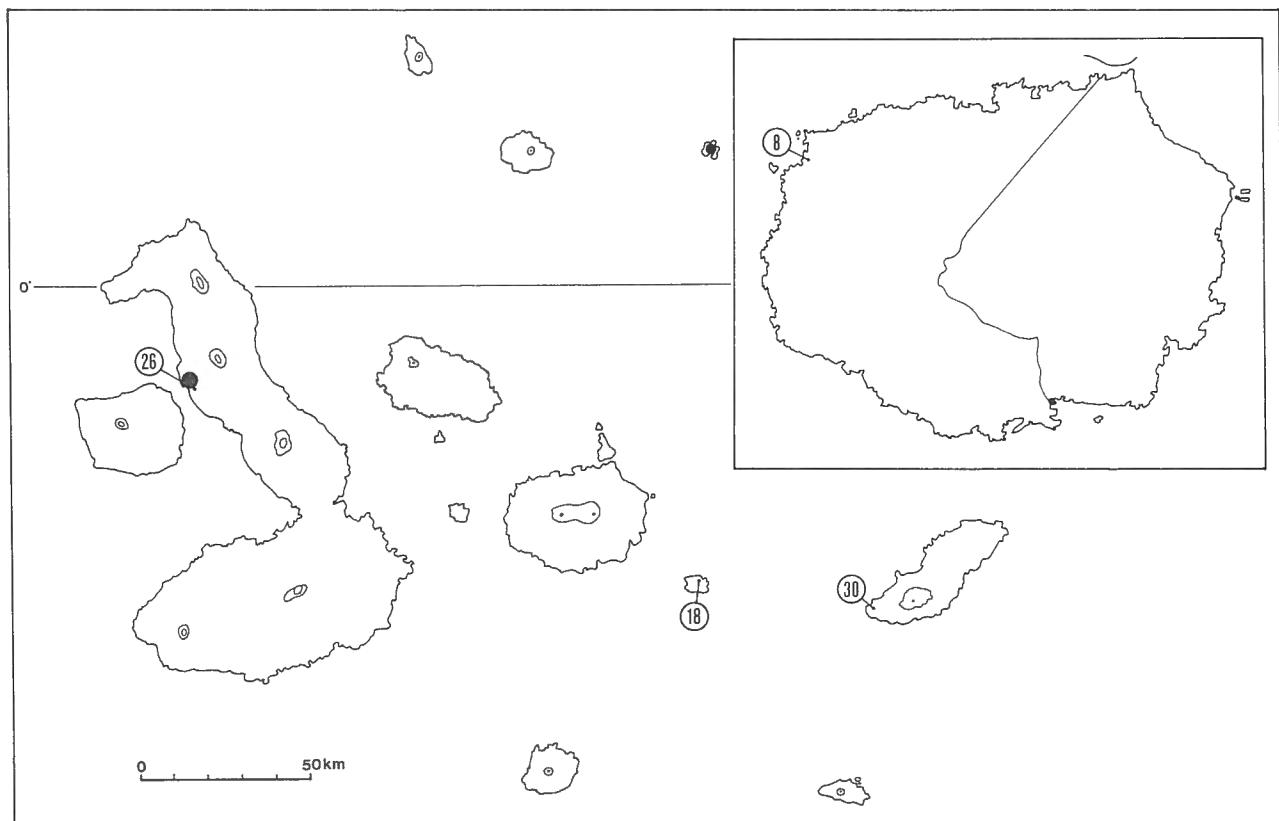
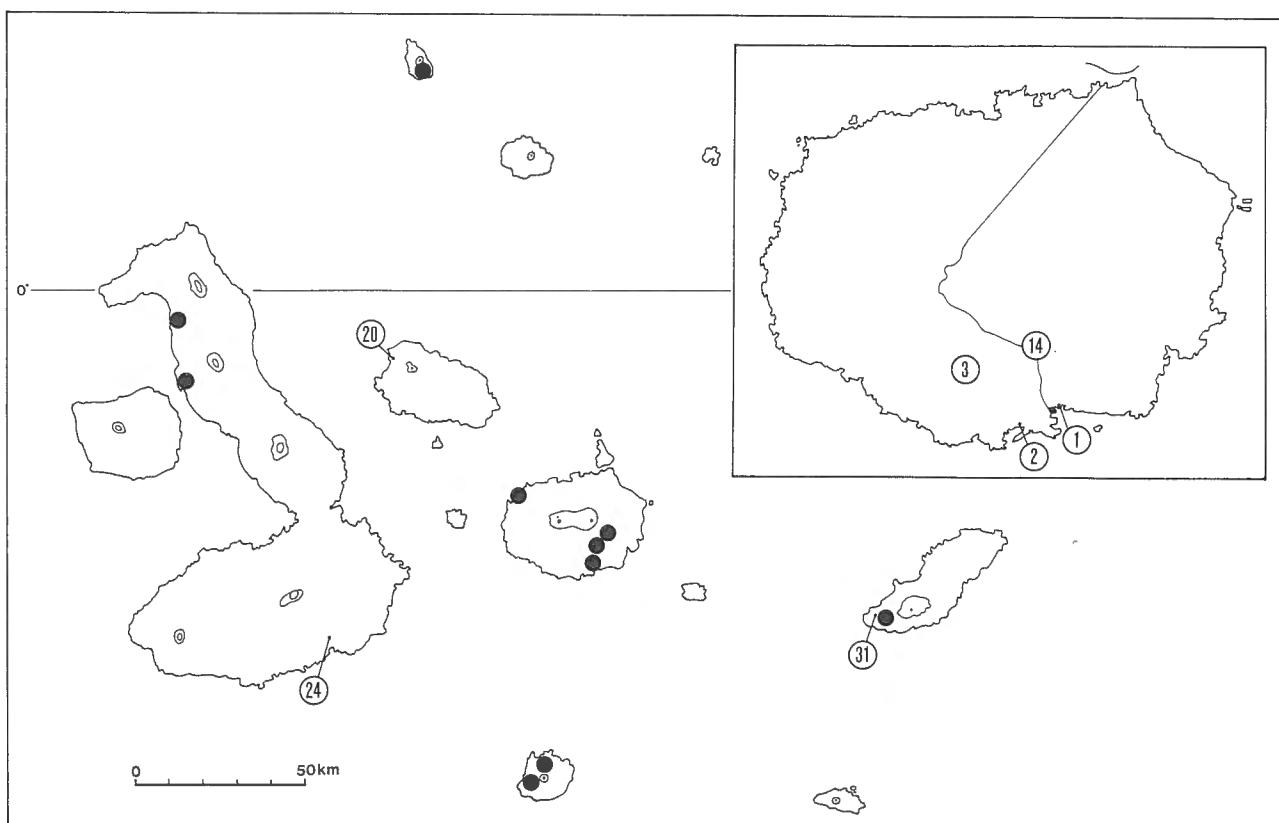
References

Epeira gregalis O.-P. CAMBRIDGE, 1889 : - BANKS (1902) : p. 61. - SNODGRASS (1902) : p. 76.

Metazygia gregalis (O.-P. CAMBRIDGE, 1889) : - ROEWER (1942) : p. 868. - BONNET (1957) : p. 2819. - ROTH & CRAIG (1970) : p. 116.

Material examined (Map 7)

- Baert & Maelfait : SANTA CRUZ : Locality 7 (2♀♀

Map 4 : *Cyclosa turbinata*.Map 5 : *Gasteracantha cancriformis*.

♀ : III), Locality 12 (1 ♂, 8 ♀ ♀, j. : III), Locality 13 (1 ♂, j. : III).

Records mentioned in literature

Fernandina (IV, Punta Mangle).

Zoogeographic affinities

Brasil, Paraguay, Central America, Panama and Puerto Rico (ROEWER, 1942).

Habitat choice

On Santa Cruz in *Scalesia* - and fern-sedge zones.

Neoscona cooksoni (BUTLER, 1877)

References

- Epeira cooksonii* BUTLER, 1817 : p. 76, pl. XIII, figs. 2-2c. - MARX (1889) : p. 210.
- Epeira oaxensis* KEYSERLING, 1863 : - BANKS (1902) : p. 60. - SNODGRASS (1902) : p. 74. - BANKS (1924) : p. 97.
- Aranea cooksonii* (BUTLER, 1817) : - ROEWER (1958) : p. 3059.
- Neoscona oaxacensis* (KEYSERLING, 1864) : - BONNET (1958) : p. 3059. - LEVI (1971) : p. 486, pl. 4, figs. 4, 9, 11, 78-90 and 129, map 6. - LUBIN, 1985 : p. 492.
- Neoscona cookoni* : - ROTH & CRAIG (1970) : p. 116 (laps.).

Material examined (Map 6)

- Baert & Maelfait : SANTA CRUZ : Locality 6 (2 ♂ ♂, 3 ♀ ♀, j. : III), Locality 8 (j. : IV), Locality 9 (1 ♂, 3 ♀ ♀, j. : IV), Locality 10 (j. : IV), Locality 11 (j. : III), Locality 12 (1 ♂, j. : III), Locality 13 (j. : III) ; SEYMOUR NORTE : Locality 17 (1 ♀ ♀, j. : IV) ; SANTIAGO : Locality 19 (j. : II), Locality 20 (3 ♂ ♂, 5 ♀ ♀, j. : IV), Locality 21 (5 ♂ ♂, 18 ♀ ♀, j. : IV), Locality 22 (2 ♂ ♂, 10 ♀ ♀ : IV) ; ISABELA : Locality 25 (1 ♂ : III), Locality 26 (1 ♂, 6 ♀ ♀, j. : II), Locality 28 (≠ ♀ ♀), Locality 29 (2 ♂ ♂, 4 ♀ ♀, j. : IV) ; SAN CRISTOBAL : Locality 31 (j. : III).
- A.M.N.H. : ESPAÑOLA : (♀ ♀ : IX) ; FLOREANA : (♀ ♀ : V) ; ISABELA : (1 ♂, ♀ ♀, j. : II, III, V) ; SAN CRISTOBAL : (♀ ♀, j. : V) ; SANTA CRUZ (1 ♂, ♀ ♀, j. : IV, V) ; SANTA FE : (j. : V) ; SANTIAGO : (j. : IV).

Records mentioned in literature

Baltra (IV), Eden (IV), Española (V), Floreana (IV-VI), Genovesa (IV), Isabela (III, IV, VI, Caleta Iguana and Caleta Tagus), Pinzón (IV, VI), Rábida, San Cristóbal (IV, V), Santa Cruz (IV) (e.g. Puerto Ayora), Santa Fe (V), Santiago (IV), (e.g. Los Guayabillos), Seymour Norte and Wolf.

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

On Santa Cruz in dry arid zone, *Scalesia* wood and fern-sedge zone, on Santiago in dry arid zone up to an altitude of 580 m (along western slope), and on Isabela along eastern slope up to an altitude of 900 m.

CLUBIONIDAE

Corinna wolleboeki BANKS, 1930

References

- Corinna wolleboeki* BANKS, 1930 : p. 273, pl. I, fig. 4.
- ROEWER (1954) : p. 601. - BONNET (1956) : p. 1217. - ROTH & CRAIG (1970) : p. 116.

Material examined (Map 7)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (8 ♂ ♂, j. : II, III) ; SAN CRISTOBAL : Locality 32 (2 ♂ ♂, 6 ♀ ♀, j. : III).
- Leleup : FLOREANA : northern side, under stones (1 ♀, j. : I) ; SANTA CRUZ : South-east, under stones, *Scalesia* at an altitude of 200 m (1 ♀, j. : X).
- Jacquemart : SANTA CRUZ : *Scalesia* wood (1 ♂ : I).
- C.A.S. : FERNANDINA : western side at an altitude of 340 m (j. : II) ; SANTA CRUZ : Horneman farm (1 ♂, ♀ ♀ : II).

Records mentioned in literature

Fernandina, Floreana (VIII), San Cristóbal (XII) and Santa Cruz.

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Dry arid zone, Transition zone and *Scalesia* wood (found mostly in or near human settlements).

DICTYNIDAE

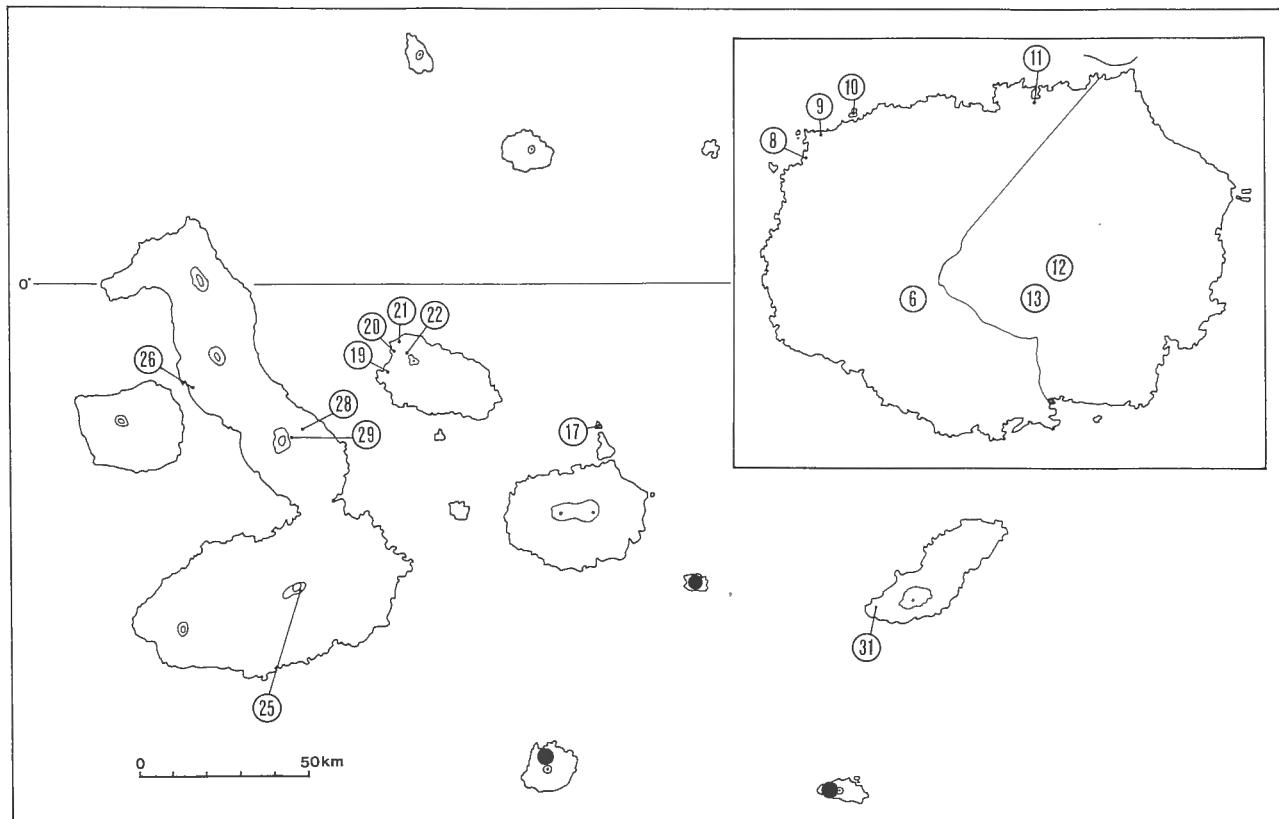
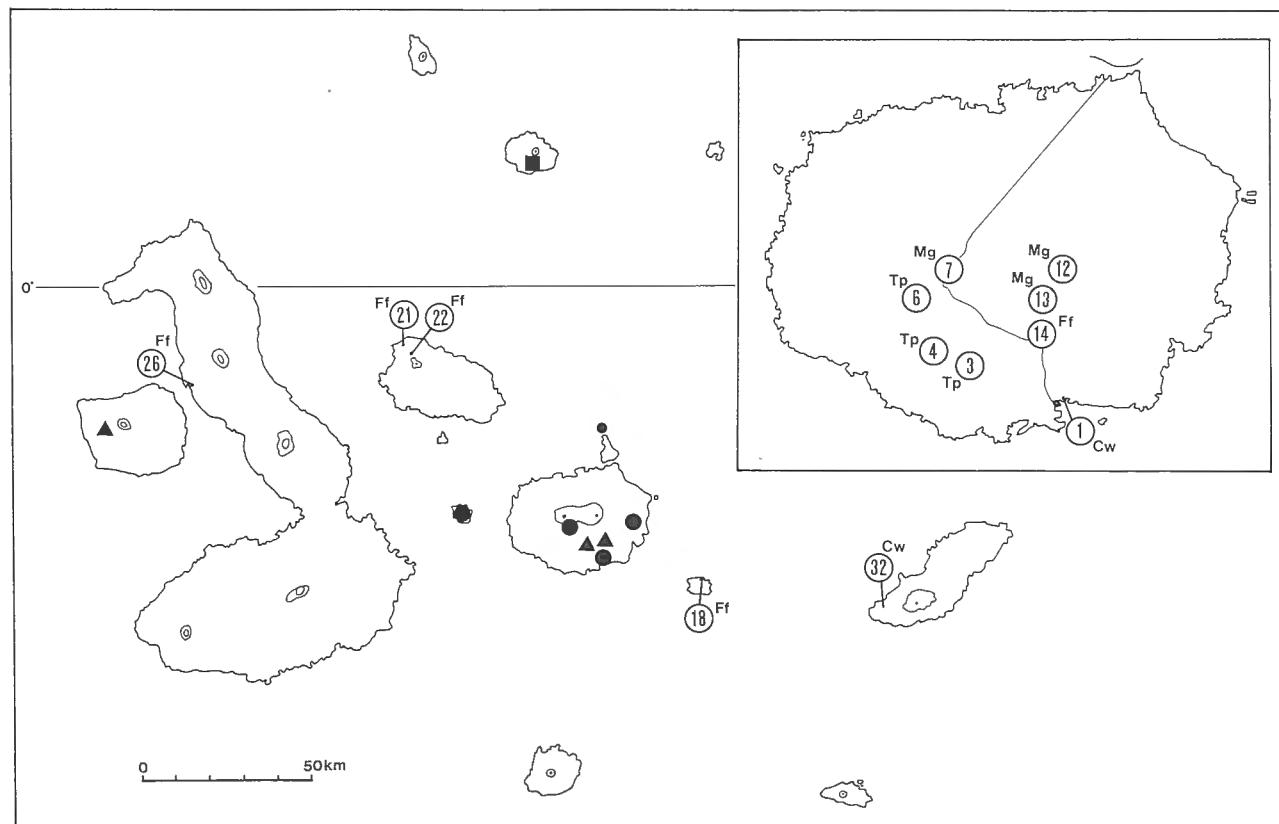
Phantyna remota (BANKS, 1924)

References

- Dictyna parietalis* O.-P. CAMBRIDGE, 1896 : - BANKS (1902) : p. 59. - ROEWER (1954) : p. 1315.
- BONNET (1956) : p. 1446.
- Dictyna remota* BANKS, 1924 : p. 97, fig. 17. - ROEWER (1954) : p. 1315. - BONNET (1956) : p. 1449. - ROTH & CRAIG (1970) : p. 117.

Material examined (Map 8)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (8 ♂ ♂, 22 ♀ ♀, j. : II, III), Locality 9 (6 ♀ ♀, j. : IV), Locality 10 (1 ♀, j. : IV) ; ISABELA : Locality 26 (2 ♂ ♂, 3 ♀ ♀, j. : II) ; SAN CRISTOBAL : Locality 30 (1 ♂, j. : III).
- Leleup : ISABELA : Swampy area at 4 Km from Villamil (1 ♀ : XI).

Map 6 : *Neoscona cooksoni*.Map 7 : Tp (●) : *Teuidis pacifica* ; Mg : *Metazygia gregalis* ; Cw (▲) : *Corinna wollebooki* ; Ff (■) : *Filistatoides fasciata*.

- C.A.S. : SANTA CRUZ : Bahía de la Academia (♂ ♂, ♀ ♀).

Records mentioned in literature

Daphne (IV), Isabela (III, Caleta Tagus) and Santa Cruz.

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Dry arid zone. On Isabela up to an altitude of 250 m (rim of the Volcán Beagle).

EUSPARASSIDAE

Heteropoda venatoria LINNAEUS, 1767

References

Heteropoda venatoria LINNAEUS, 1767 : - MARX (1889) : p. 210. - BANKS (1902) : p. 63. - SNODGRASS (1902) : p. 78. - BANKS (1930) : p. 276. - ROEWER (1954) : p. 712. - BONNET (1957) : p. 2196. - ROTH & CRAIG (1970) : p. 118.

Material examined (Map 9)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (4 ♂ ♂, 3 ♀ ♀, j. : II-IV), Locality 3 (2 ♀ ♀ : III), Locality 14 (1 ♀ : III) ; ISABELA : Locality 23 (1 ♀ : III).
 - Leleup : SANTA CRUZ : SE-slope (XI) and *Scalesia* wood (X) ; ISABELA : South, swampy area at 4 Km from the coast (XI) ; FLOREANA : under stones between 5 and 300 m of altitude.
 - C.A.S. : SANTA CRUZ : Horneman farm, altitude of 220 m (j. : II, IV) ; SAN CRISTOBAL : Bahía Wreck, under stones (j. : X).

Records mentioned in the literature

Floreana (V), Isabela, San Cristóbal (V, XII), Santa Cruz.

Zoogeographic affinities

Cosmopolit (ROEWER, 1954).

Habitat choice

Dry arid, Transition and *Scalesia* zone. Currently found in or near human settlements.

Olios galapagoensis BANKS, 1902

References

Olios galapagoensis BANKS, 1902 : p. 63, pl. I, fig. 7. - SNODGRASS (1902) : p. 78. - BANKS (1924) : p. 98. - ROEWER (1954) : p. 706. - BONNET (1958) : p. 3170. - ROTH & CRAIG (1970) : p. 118. - BAERT & MAELFAIT (1986) : p. 56, figs. 10-11.

Material examined (Map 10)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (2 ♂ ♂,

♂, 1 ♀ : II, IV), Locality 7 (1 ♂ : III), Locality 13 (1 ♂ : III).

- Leleup : SANTA CRUZ : CDRS (1 ♂, 2 ♀ ♀, j. : X).

- C.A.S. : SANTA CRUZ : Grassland at an altitude of 750 m (1 ♂, j. : IV), E-slope at an altitude of 160 m (1 ♂, j. : IV), Cerro Mesa at an altitude of 440 m (♂ ♂, j. : II) ; GARDNER (near ESPANOLA) ; (♀ ♀, j. : V, VI, IX) ; FERNANDINA : W-slope at an altitude of 330 m (1 ♂, 1 ♀ : II) ; PINZON : Top (♂ ♂, j. : II).

Records mentioned in literature

Baltra (IV), Eden (IV), Fernandina (I, III), Isabela (I, III, Caleta Tagus up to an altitude of ca. 1200 m), San Cristóbal (I, III) and Santa Cruz (IV).

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Dry arid zone, Transition (Culture) zone and Fern-sedge zone (Santa Cruz). Was found at high altitude on Isabela.

FILISTATIDAE

Filistatoides fasciatus (BANKS, 1902)

References

Filistata oceanea MARX, 1889 : p. 210. - BONNET (1956) : p. 1906 (nomen nudum).

Filistata fasciata BANKS, 1902 : p. 55, pl. I, fig. 15. - BANKS (1924) : p. 95. - ROEWER (1954) : p. 1281. - BONNET (1956) : p. 1901.

Filistatoides fasciatus (BANKS, 1902) : - ROTH & CRAIG (1970) : p. 117.

Material examined (Map 7)

- Baert & Maelfait : SANTA CRUZ : Locality 14 (1 ex. : III) ; SANTA FE : Locality 18 (3 ex. : IV) ; SANTIAGO : Locality 21 (2 ex. : IV), Locality 22 (1 ex. : IV) ; ISABELA : Locality 26 (16 ex. : II).
 - Jacquemart : MARCHENA : (≠ ex. : II).

Records mentioned in literature

Culpepper, Floreana, Genovesa (IV), Pinzón, Santa Cruz and Wolf (XII).

Zoogeographic affinities

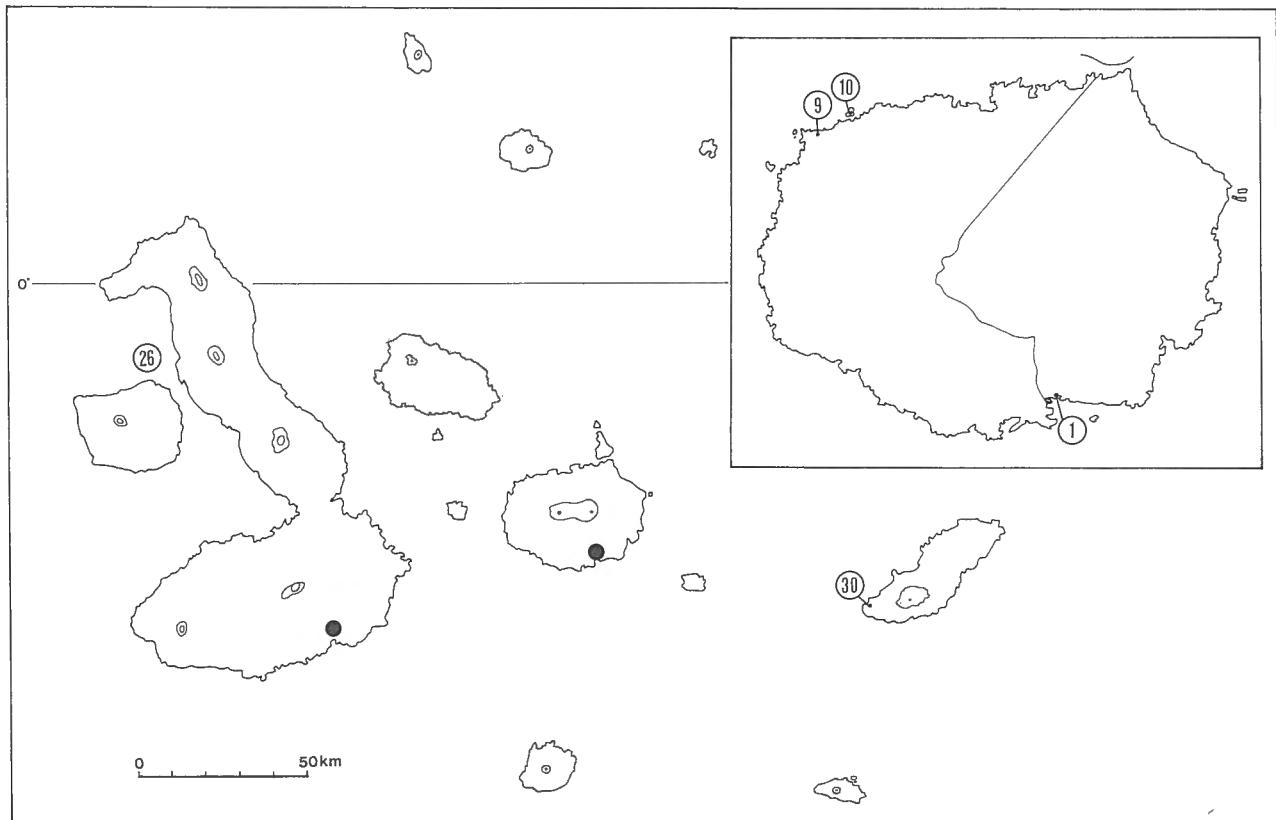
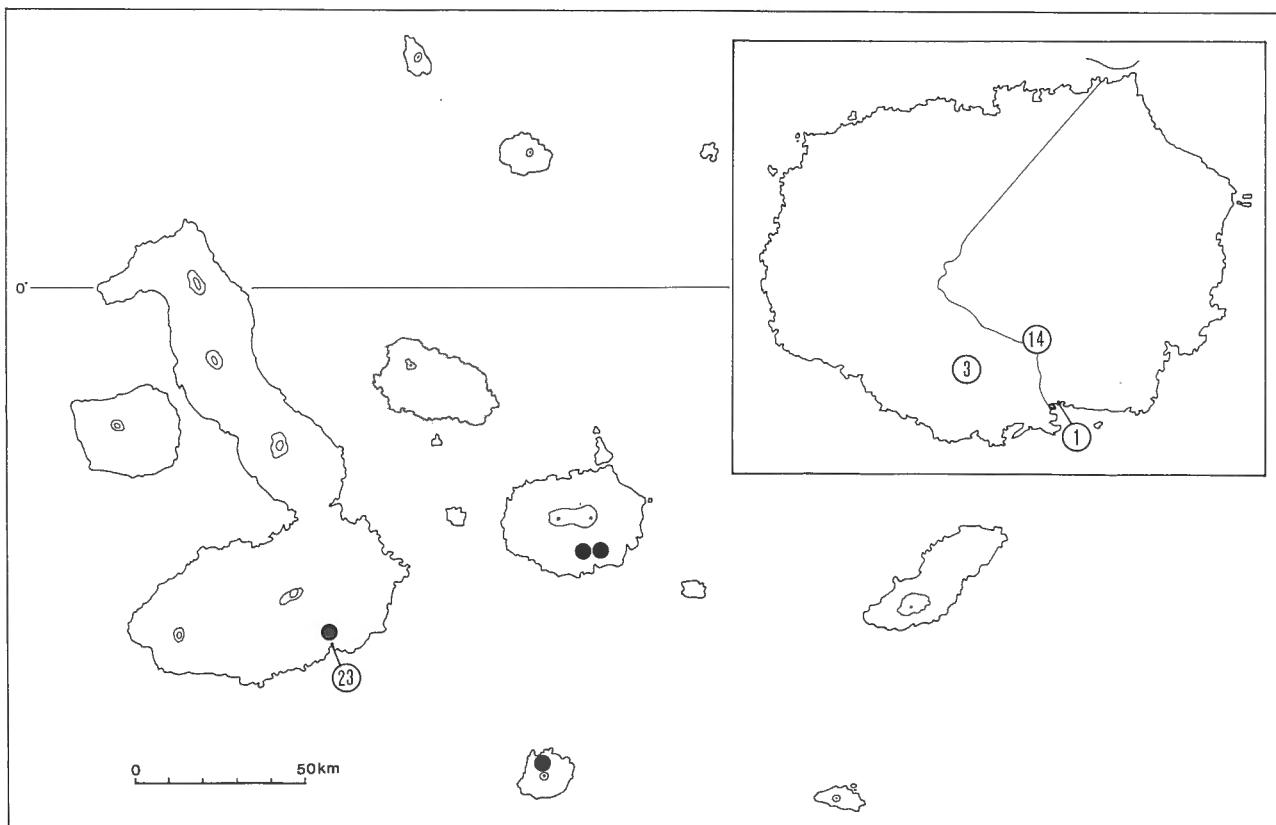
Only known from the Galápagos.
 In the Dry arid and Transition zones.

GNAPHOSIDAE

Camillina cruz PLATNICK & SHADAB, 1982

References

Zelotes galapagoensis (BANKS, 1902) : - ROTH & CRAIG (1970) : p. 117.

Map 8 : *Phantina remota*.Map 9 : *Heteropoda venatoria*.

Camillina cruz PLATNICK & SHADAB, 1982 : p. 36, figs. 117-120.

Material examined (Map 11)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (1♀ : II), Locality 2 (1♀, j. : II), Locality 8 (j. : IV), Locality 10 (j. : IV).
- Jacquemart : SANTA CRUZ : *Scalesia* (1♂, 2♀♀, j. : I).
- Leleup : SANTA CRUZ : CDRS, humus near coast (1♂, 2♀♀ : X).

Records mentioned in literature

Pinta (II, South coast), Santa Cruz (X, CDRS).

Zoogeographic affinities

Only known from the Galápagos and Ecuador (PLATNICK, pers. comm.)

Habitat choice

Dry arid zone and *Scalesia* wood

Camillina galapagoensis (BANKS, 1902)

References

- Prosthesima galapagoensis* BANKS, 1902 : p. 57, pl. II, fig. 7.
- Zelotes galapagoensis* (BANKS, 1902) : - BANKS, 1924 : p. 96. - ROEWER, 1954 : p. 468. - BONNET, 1959 : p. 4925. - ROTH & CRAIG, 1970 : p. 117.
- Camillina galapagoensis* (BANKS, 1902) : - PLATNICK & SHADAB, 1982 : p. 34, figs. 11-112.

Material examined

- C.A.S. : ISABELA : (1♀ : IV).

Records mentioned in literature

Isabela (IV, VI : Caleta Iguana).

Zoogeographic affinities

Only known from the Galápagos.

Camillina isla PLATNICK & SHADAB, 1982

References

- Zelotes galapagoensis* (BANKS, 1902) : - ROTH & CRAIG, 1970 : p. 117.
- Camillina isla* PLATNICK & SHADAB, 1982 : p. 35, figs. 113-116.

Record mentioned in literature

Culpepper (I).

Zoogeographic affinities

Only known from the Galápagos.

Neozimiris pinta PLATNICK & SHADAB, 1976

Record mentioned in literature

Pinta (V).

Zoogeographic affinities

Only known from the Galápagos.

Neozimiris pinzon PLATNICK & SHADAB, 1976

Record mentioned in literature

Pinzón (VIII).

Zoogeographic affinities

Only known from the Galápagos.

Neozimiris santiago BAERT & MAELFAIT, 1986

References

- Neozimiris santiago* BAERT & MAELFAIT, 1986 : p. 52, figs 1-2.

Material examined (Map 17)

- Baert & Maelfait : SANTIAGO : Locality 22 (1♂ : IV).

Zoogeographic affinities

Only known from the Galápagos.

LINYPHIIDAE

Erigone atra (BLACKWALL, 1841)

Material examined (Map 12)

- Baert & Maelfait : SANTA CRUZ : Locality 12 (7♂♂, 13♀♀ : III), Locality 13 (1♀ : III) ; SAN CRISTOBAL : Locality 34 (6♀♀ : III), Locality 35 (3♀♀ : III).
- Jacquemart : SAN CRISTOBAL : (1♂ : II).

Zoogeographic affinities

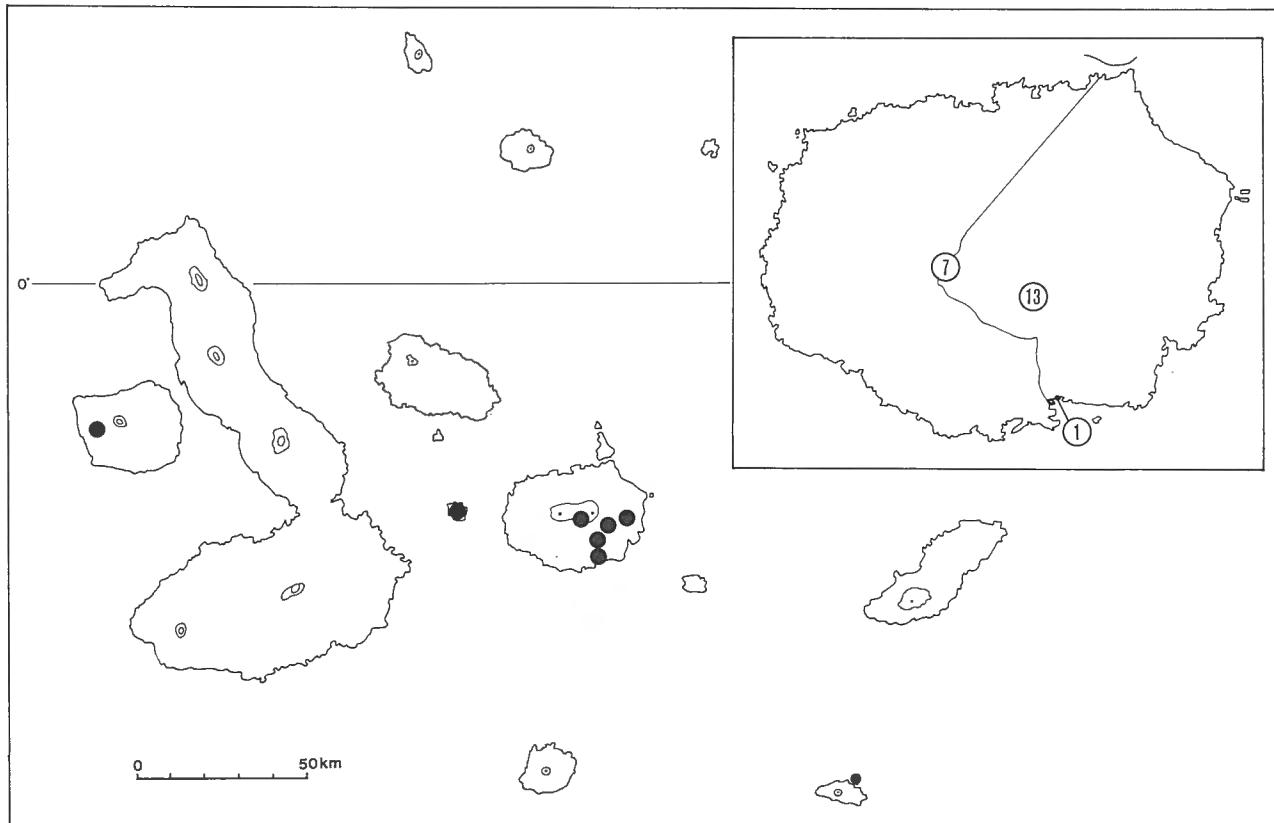
Nearctic and Palearctic Regions.

LOXOSCELIDAE

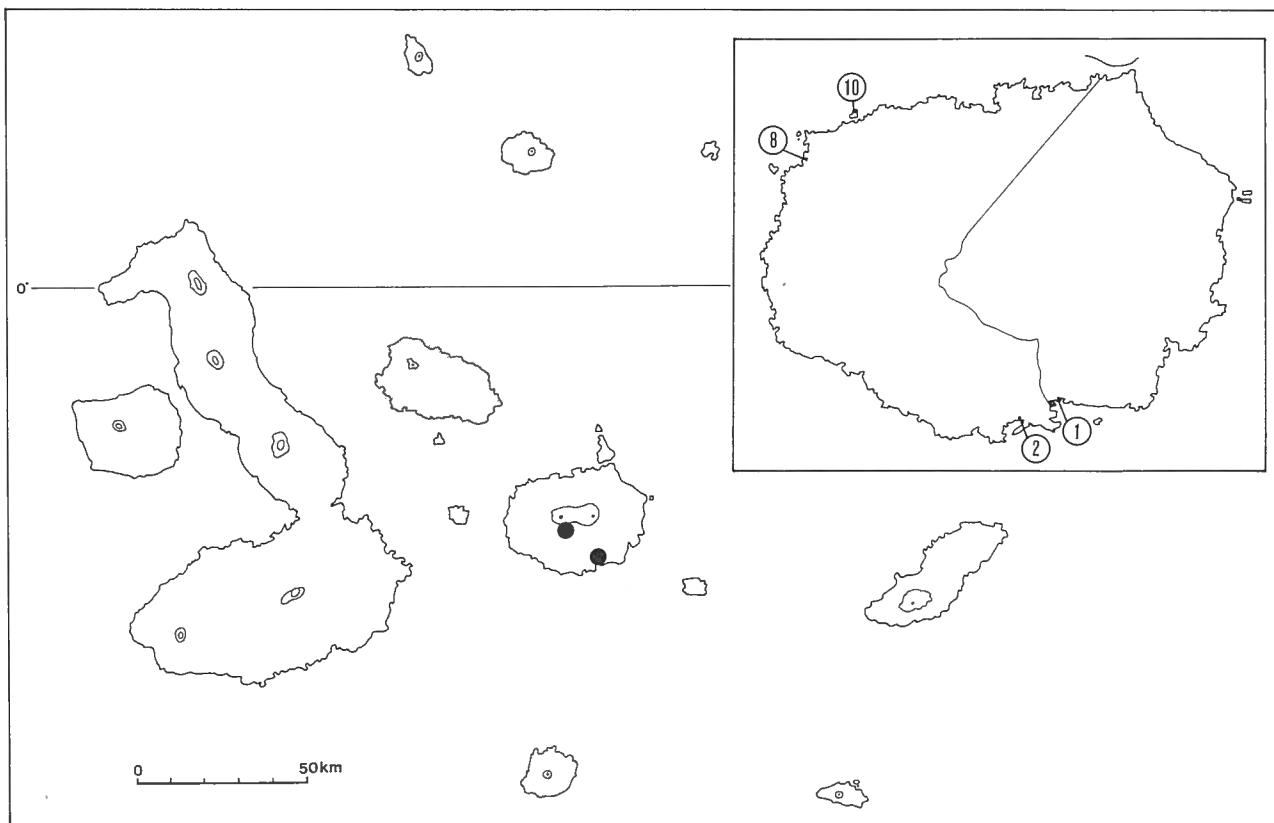
Loxoscelis laeta (NICOLET, 1849)

References

- Loxoscelis galapagoensis* MARX, 1889 : p. 210. - BONNET, 1957 : p. 2574 (nomen nudum).
- Loxoscelis longipalpis* BANKS, 1902 : p. 55, pl. I, fig. 13. - BANKS, 1930 : p. 272. - ROEWER, 1942 : p. 320. - BONNET, 1957 : p. 2575.
- Loxoscelis laeta* (NICOLET, 1849) : - GERTSCH, 1967 : p. 147, pl. 6, figs. 1-9, pl. 7, figs. 1-5, 8, 9. - ROTH & CRAIG, 1970 : p. 117.



Map 10 : *Olios galapagoensis*.



Map 11 : *Camillina cruz*.

Material examined (Map 17)

- Baert & Maelfait : SANTA FE : Locality 18 (j. : IV).
- Leleup : SANTA CRUZ : Along trail, 1 Km from Bahía Tortuga (1 ♀ : I).
- Lubin : SANTIAGO : Northern slope, above Los Campeones, lava tube cave, altitude of 120 m (2 ♂♂, 2 ♀♀, j. : IV).

Records mentioned in literature

España (IV, V : west of Bahía Gardner), Floreana (IX), Isabela (V), Pinzón (VI) and Santa Cruz.

Zoogeographic affinities

Ecuador, Peru, Chile, Argentina (north), Brazil (south), Uruguay, Colombia, Guatemala and Honduras (GERTSCH, 1967).

Habitat choice

Dry arid and Transition zone.

MIMETIDAE***Ero gemelosi* BAERT & MAELFAIT, 1984****References**

Ero gemelosi BAERT & MAELFAIT, 1984 : p. 159, figs. 1-4.

Material examined (Map 17)

- Baert & Maelfait : SANTA CRUZ : Locality 7 (2 ♀♀ : III).

Zoogeographic affinities

Only known from the Galápagos.

MYSMENIDAE***Calomyspoena santacruzi*
BAERT & MAELFAIT, 1983****References**

Calomyspoena santacruzi BAERT & MAELFAIT, 1983 : p. 104, figs. 1-11.

Material examined (Map 13)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (6 ♂♂, 17 ♀♀, j. : III), Locality 3 (7 ♀♀, j. : III), Locality 4 (1 ♂, 5 ♀♀ : III), Locality 5 (1 ♂, 22 ♀♀, j. : III), Locality 7 (1 ♂, 1 ♀ : III); ISABELA : Locality 25 (1 ♂, 1 ♀, j. : III).
- Leleup : SANTA CRUZ : at an altitude of 200 m (4 ♀♀ : XI).
- Jacquemart : SANTA CRUZ : Media Luna (3 ♂♂, 5 ♀♀, j. : II), Top of island (1 ♀, j. : II), Transitionzone (j.), near Bellavista (1 ♀, j. : II); SAN CRISTOBAL : Culture zone (j. : II); SANTIAGO : Top of island (j. : III).

Zoogeographic affinities

Only known from the Galápagos.

OCHYROCERATIDAE***Speocera jacquemarti*
BAERT & MAELFAIT, 1986****References**

Speocera jacquemarti BAERT & MAELFAIT, 1986 : p. 53, fig. 3.

Material examined

- Jacquemart : ISABELA : Between Volcán Darwin and Volcán Alcedo (2 ♀♀ : III).

Zoogeographic affinities

Only known from the Galápagos.

***Theotima galapagensis*
BAERT & MAELFAIT, 1986****References**

Theotima galapagensis BAERT & MAELFAIT, 1986 : p. 54, fig. 4.

Material examined (Map 14)

- Baert & Maelfait : SANTA CRUZ : Locality 3 (2 ♀♀ : III), Locality 13 (13 ♀♀ : III), Locality 14 (2 ♀♀ : III); SAN CRISTOBAL : Locality 32 (26 ♀♀ : III), Locality 35 (4 ♀♀ : III).
- Jacquemart : SANTA CRUZ : *Scalesia* zone (2 ♀♀ : I, II), *Miconia* zone (2 ♀♀ : II); SAN CRISTOBAL : (39 ♀♀ : I).

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Transition (Culture), *Miconia* and Fern-sedge zones.

OECOBIIDAE***Oecobius concinnus* SIMON, 1892****References**

Thalamia nieborowskii KULCKZYNSKI, 1909 : - BANKS, 1930 : p. 272, pl. II, figs. 7-8.
Oecobius nieborowskii KULCKZYNSKI, 1909 : - BONNET, 1958 : p. 3134.
Oecobius concinnus SIMON, 1892 : - ROTH & CRAIG, 1970 : p. 117.

Material examined (Map 17)

- Baert & Maelfait : SANTA CRUZ : Locality 2 (1 ♀, j. : II); SAN CRISTOBAL : Locality 30 (2 ♂♂, 4 ♀♀, j. : III).
- C.A.S. : SANTA CRUZ : CDRS, Bahía de la Academia (1 ♂, 1 ♀ : I, II).

Records mentioned in literature

Floreana and Santa Cruz.

Zoogeographic affinities
Venezuela

Habitat choice
Dry arid zone.

OXYOPIDAE

Oxyopes gracilis KEYSERLING, 1877

References

Oxyopes gracilis KEYSERLING, 1877 : - ROTH & CRAIG, 1970 : p. 117.

Material examined (Map 15)

- Baert & Maelfait : SANTA CRUZ : Locality 7 (1♀, j. : III), Locality 12 (5♂♂, j. : III), Locality 13 (2♂♂, 3♀♀, j. : II, III) ; ISABELA : Locality 29 (j. : IV).
- Jacquemart : PINTA : (j.).
- C.A.S. : FERNANDINA : Western slope at an altitude of 330 m (♂♂, ♀♀ : II).

Records mentioned in literature
Fernandina and Santa Cruz.

Zoogeographic affinities

USA, Central America (Guatemala), Mexico, West Indian Antilles (St Vincent), South America (CAMBRIDGE, 1897-1905).

Habitat choice
In *Scalesia* and Fern-sedge zones.

PHOLCIDAE

Coryssocnemis conica BANKS, 1902

References

Coryssocnemis conica BANKS, 1902 : p. 56, pl. I, figs. 1-3. - SNODGRASS, 1902 : p. 71. - ROEWER, 1942 : p. 348. - BONNET, 1956 : p. 1233. - ROTH & CRAIG, 1970 : p. 118.

Material examined (Map 16)

- Baert & Maelfait : SANTA CRUZ : Locality 2 (3♀♀ : II), Locality 7 (4♂♂, 9♀♀, j. : III), Locality 12 (1♂, 3♀♀, j. : III), Locality 13 (11♀♀, j. : II, III) ; SEYMOUR NORTE : Locality 17 (2♀♀, j. : IV) ; SANTA FE : Locality 18 (2♀♀, j. : IV) ; SANTIAGO : Locality 22 (1♂, 1♀ : IV).
- Leleup : SANTA CRUZ : at entrance of Cave del Caballo at an altitude of 600 m (1♀).
- Jacquemart : SANTA CRUZ : *Scalesia* zone (2♀♀ : I).
- C.A.S. : SANTA CRUZ : Bahía de la Academia (1♀ : II), Cerro Mesa at an altitude of 440 m (1♀ : IV) ; PINTA : South coast (j. : V) ; PINZÓN : (1♂, 1♀ : VIII) ; SANTIAGO : northwestern slope at an

altitude of 600 m (♂♂, ♀♀ : V) : FERNANDINA : western slope at an altitude of 330 m (j.).

Records mentioned in literature

Española (V : west of Bahía Gardner), Fernandina, Pinta, Pinzón, Santa Cruz and Santiago.

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Found in the Dry arid, Transition, *Scalesia* and Fern-sedge zones.

Coryssocnemis insularis BANKS, 1902

References

Coryssocnemis insularis BANKS, 1902 : p. 56, pl. I, fig. 6. - ROEWER, 1942 : p. 349. - BONNET, 1956 : p. 1233. - ROTH & CRAIG, 1970 : p. 118.

Material examined (Map 17)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (3♀♀, j. : II) ; SAN CRISTOBAL : Locality 32 (1♀ with eggcocoons, j. : III).

Record mentioned in literature

Isabela (IV : Caleta Iguana).

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

In the Dry arid and Transition zones. Only found in human settlements.

SALTICIDAE

Darwinneon crypticus CUTLER, 1971

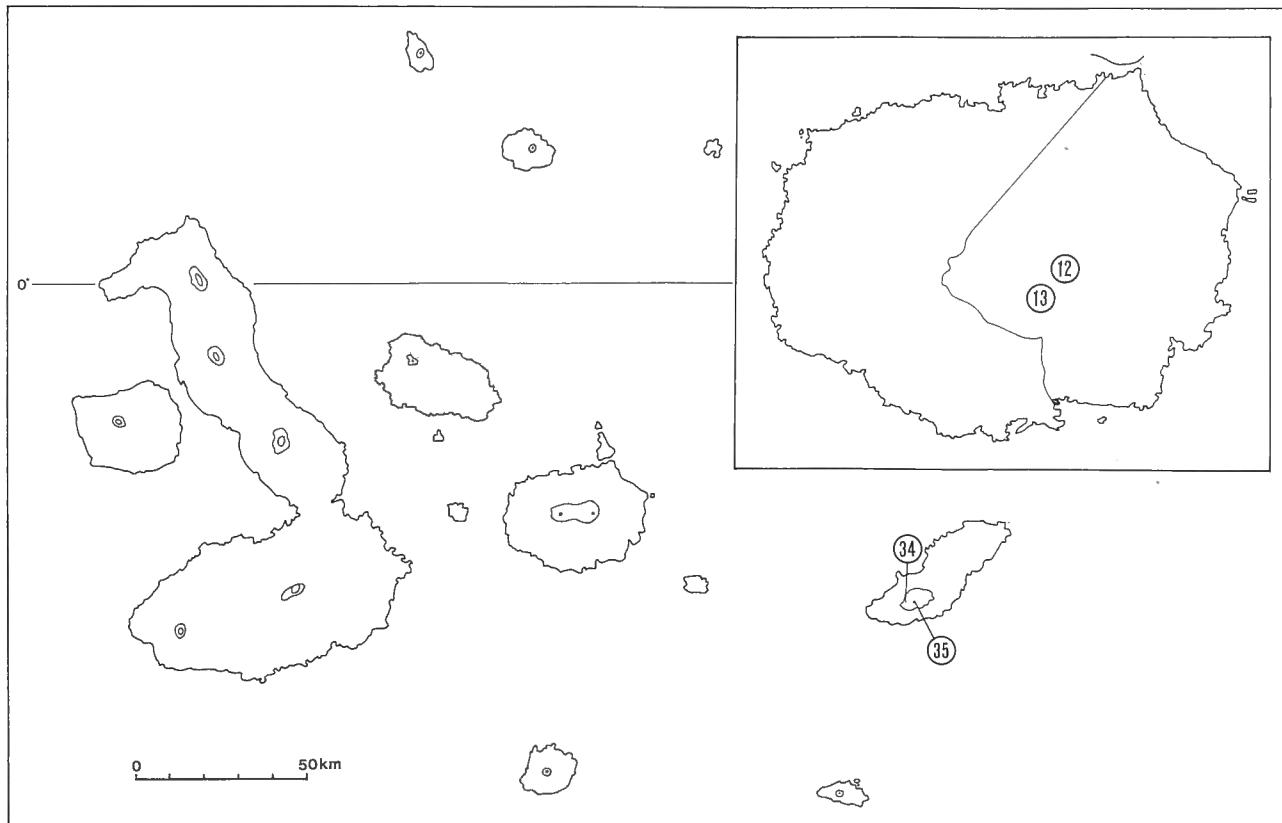
References

New genus, near *Neon*, - ROTH & CRAIG, 1970 : p. 118.

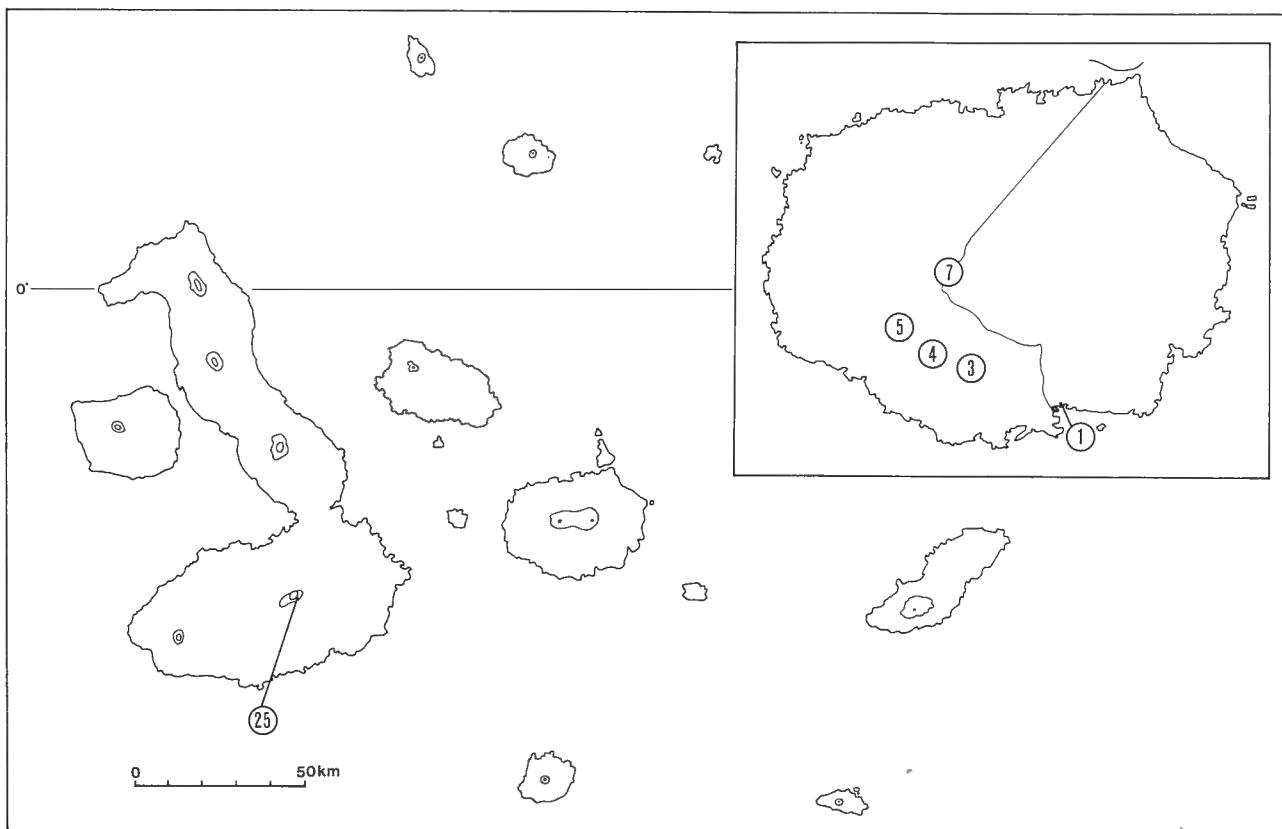
Darwinneon crypticus CUTLER, 1970 : p. 509, figs. 1-3.

Material examined (Map 18)

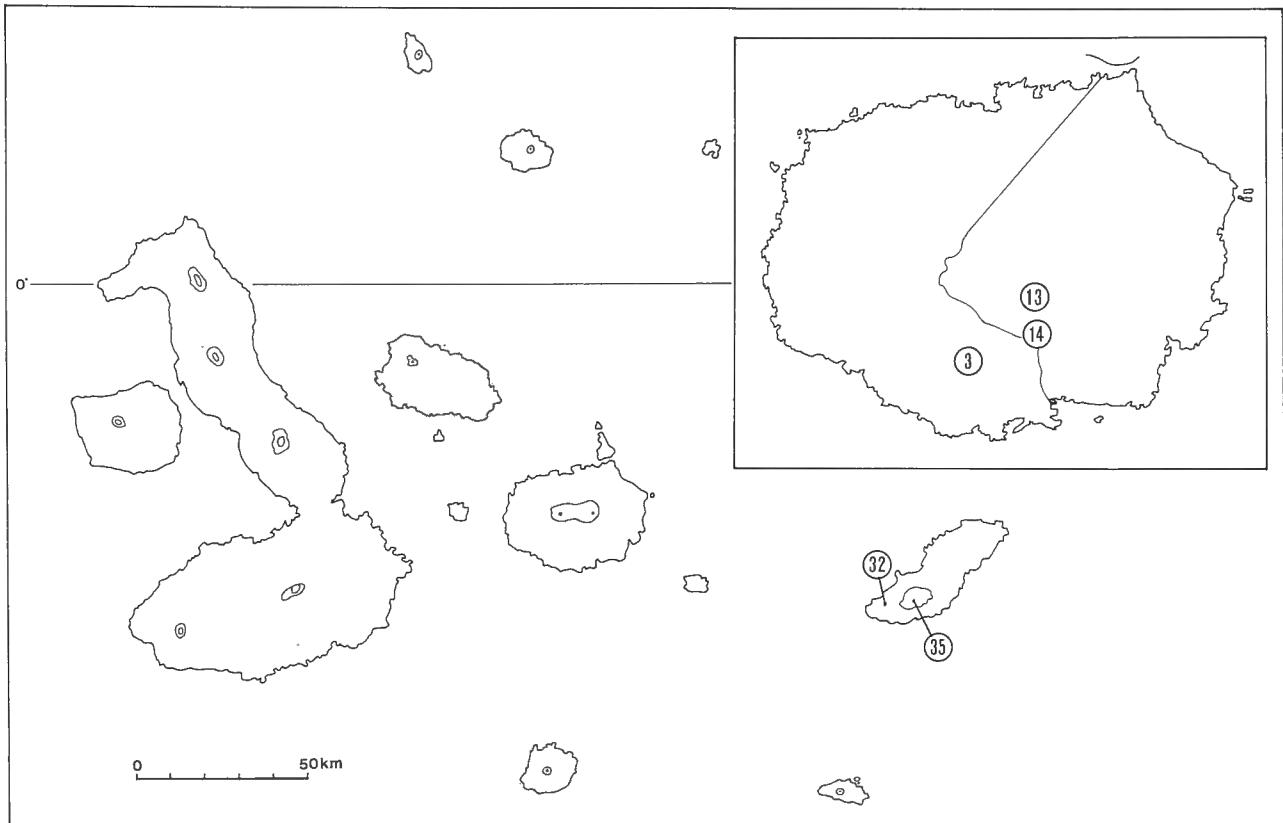
- Baert & Maelfait : SANTA CRUZ : Locality 1 (4♀♀, j. : II, III), Locality 3 (1♀, j. : III), Locality 4 (1♂, 1♀ : III), Locality 7 (2♂♂, 7♀♀, j. : III), Locality 10 (1♀, j. : IV), Locality 12 (1♂, 2♀♀, j. : III), Locality 13 (1♂, 1♀ : III) ; SANTA FE : Locality 18 (1♂, 1♀ : IV) ; SANTIAGO : Locality 20 (1♂, j. : IV) ; ISABELA : Locality 26 (1♀ : II), Locality 28 (3♀♀ : IV), Locality 29 (4♀♀, j. : IV) ; SAN CRISTOBAL : Locality 31 (1♂, 2♀♀, j. : III), Locality 32 (j. : III), Locality 34 (2♀♀ : III), Locality 35 (2♀♀ : III).
- Leleup : SANTA CRUZ : fissure (1♂, 1♀ : XII).



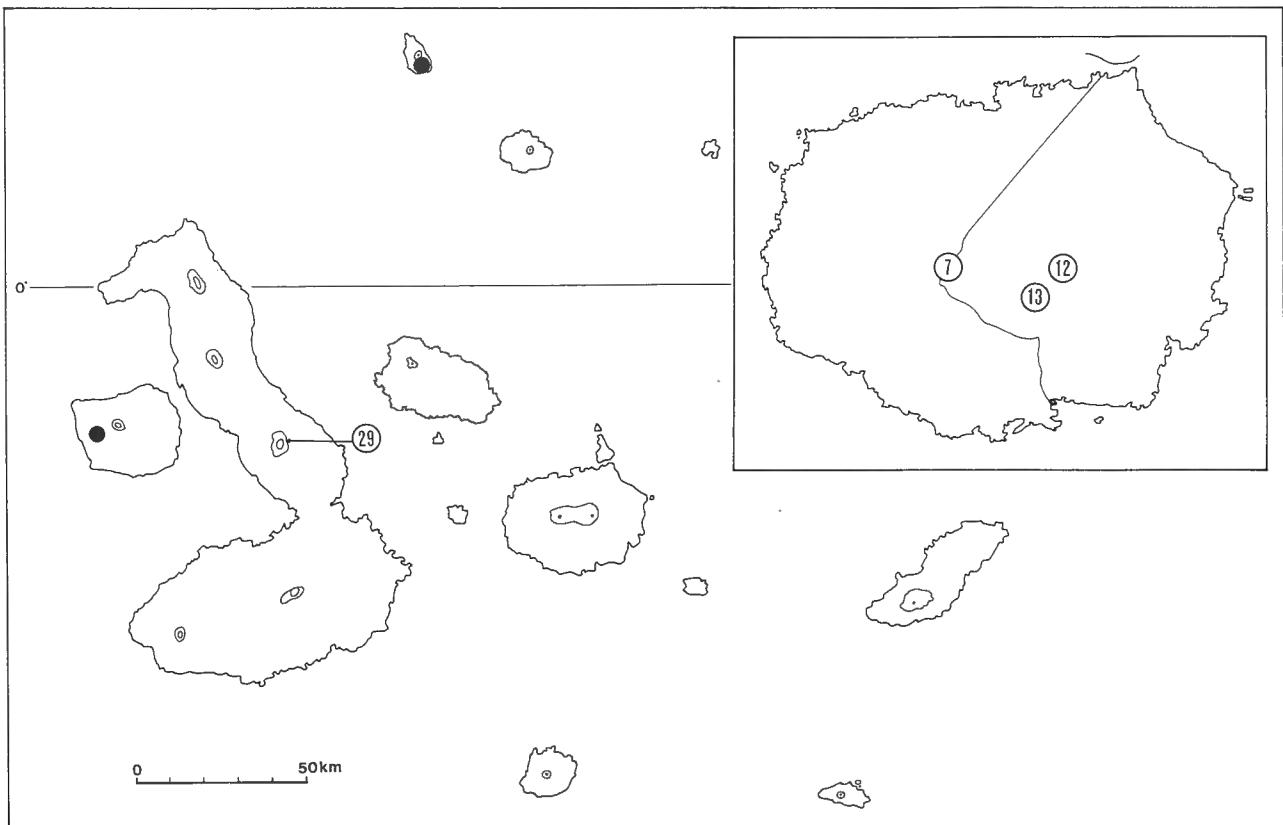
Map 12 : *Erigone atra*.



Map 13 : *Calomyspoena santacruzi*.



Map 14 : *Theotima galapagensis*.



Map 15 : *Oxyopes gracilis*.

- Jacquemart : PINZON : (1 ♀ : I) ; ISABELA : (1 ♀ : III) ; SAN CRISTOBAL : Culture zone (2 ♂♂, 2 ♀♀ : I, II).
- C.A.S. : SANTA CRUZ : CDRS and *Scalesia* wood along the Bellavistatral (1 ♀, j. : II).

Record mentioned in literature

Santa Cruz (XII).

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Found in the Dry arid, Transition, *Scalesia*, *Miconia* and Fern-sedge zones.

Metacyrba insularis (BANKS, 1902)

References

- Marptusa californica* PECKHAM, 1888 : - BANKS, 1902 : p. 66 (♂). *Cyrba insularis* BANKS, 1902 : p. 66 (♀).
Metacyrba insularis (BANKS, 1902) : - BANKS, 1924 : p. 98. - BANKS, 1930 : p. 278, pl. I, figs. 1-2.
Fuentes insularis (BANKS, 1902) : - ROEWER, 1954 : p. 1013.
Metacyrba insularis (BANKS, 1902) : - BONNET, 1957 : p. 2806. - ROTH & CRAIG, 1970 : p. 118.

Material examined (Map 19)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (2 ♀ ♀ : II), Locality 2 (1 ♂ : III).
- Leleup : SANTA CRUZ : Southeast, Dry arid zone (j. : IX).
- Jacquemart : SANTIAGO : (1 ♀ : III).
- C.A.S. : SANTA CRUZ : Bahía de la Academia (1 ♀ : I) ; FERNANDINA : western slope at an altitude of 330 m (II).

Records mentioned in literature

Daphne (IV), Fernandina, Floreana (XII), Isabela (I, III : Caleta Tagus) and Santa Cruz.

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Dry arid zone.

Frigga crocuta (Taczanowski, 1879)

References

- Menemerus galapagoensis* MARX, 1889 : p. 210. - BONNET, 1957 : p. 2771 (nomen nudum).
Plexippus paykuli AUDOUIN & SAVIGNY, 1827 : BANKS, 1902 : p. 66. - BANKS, 1924 : p. 98.
Phiale bispinosa BANKS, 1930 : p. 277, pl. I, fig. 3. - ROEWER, 1954 : p. 1058. - BONNET, 1958 : p. 3505.

- Phiale coronigera* KOCH, 1846 : - ROTH & CRAIG, 1970 : p. 118.
- Phiale crocuta* (Taczanowski, 1879) : - GALIANO, 1979b : p. 691, figs. 1-7.
- Frigga crocuta* (Taczanowski, 1879) : - GALIANO, 1979a : p. 120, figs. 12, 30, 43.

Material examined (Map 20)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (1 ♂, 1 ♀ : II-IV), Locality 2 (1 ♂ : II), Locality 3 (3 ♂♂, 1 ♀, j. : III), Locality 9 (1 ♀ : IV), Locality 14 (1 ♂ : III) ; SANTIAGO : Locality 20 (1 ♂ : IV) ; ISABELA : Locality 24 (2 ♀ ♀ : III), Locality 25 (j. : III) ; SAN CRISTOBAL : Locality 32 (1 ♀ : III).
- C.A.S. : SANTA CRUZ : Along Bellavistatral (1 ♀ : II), CDRS at Bahía de la Academia (1 ♂, 1 ♀ : II, V) ; SANTIAGO : Northwestern slope at an altitude of 600 m (1 ♀ : V) ; PINZON : (j. : VI) : FERNANDINA : Western slope at an altitude of 330 m (1 ♀ : II).

Records mentioned in literature

Baltra (IV), Fernandina, Floreana (IX, X), Isabela (III : Caleta Tagus), Pinzón, Santa Cruz (IV) and Santiago (IV).

Zoogeographic affinities

Peru, Ecuador, Islas Marquesas, Tahiti and Australia (Queensland). (GALIANO, 1979b)

Habitat choice

Dry arid and Transition zones.

Philaeus pacificus BANKS, 1902

References

- Philaeus pacificus* BANKS, 1902 : p. 67. - SNODGRASS, 1902 : p. 79. - BANKS, 1924 : p. 98. - BANKS, 1930 : p. 278. - ROEWER, 1954 : p. 1066. - BONNET, 1958 : p. 3537. - ROTH & CRAIG, 1970 : p. 188.

Material examined

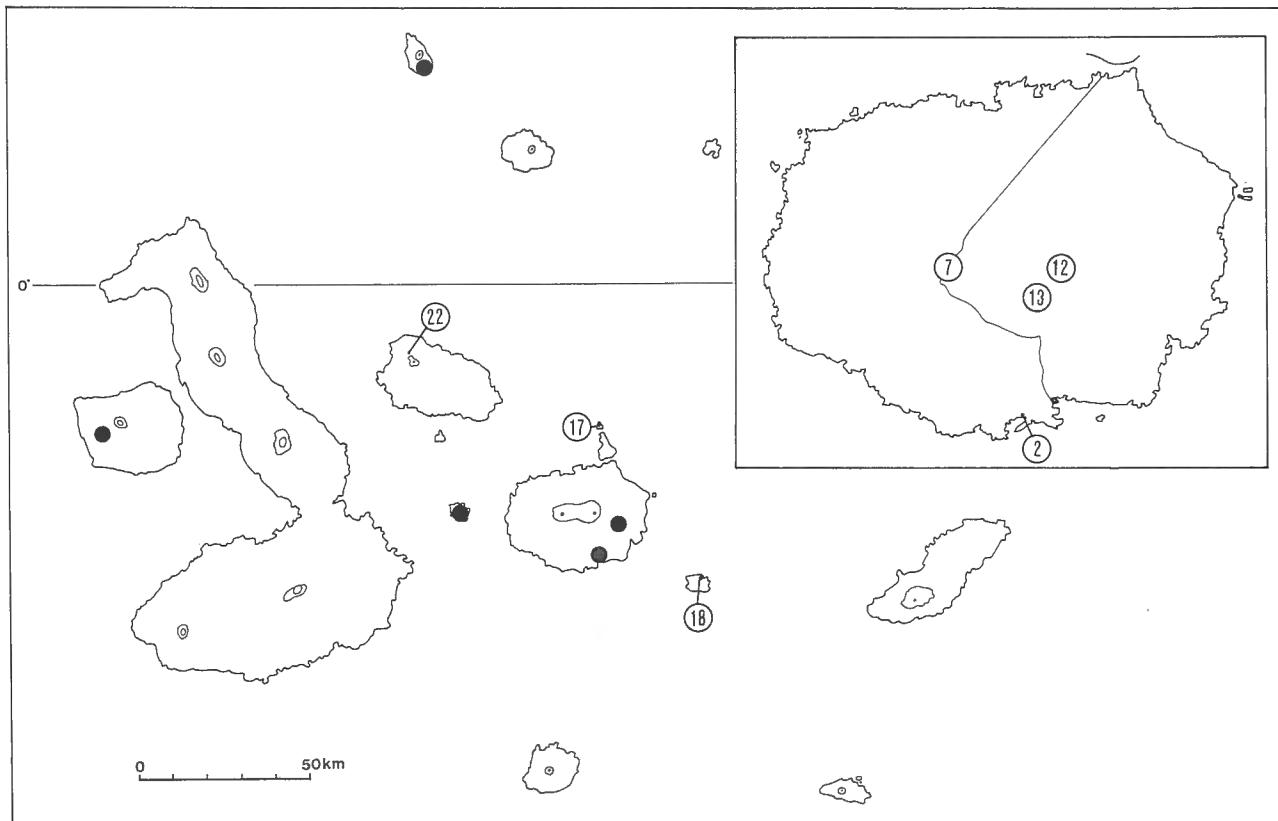
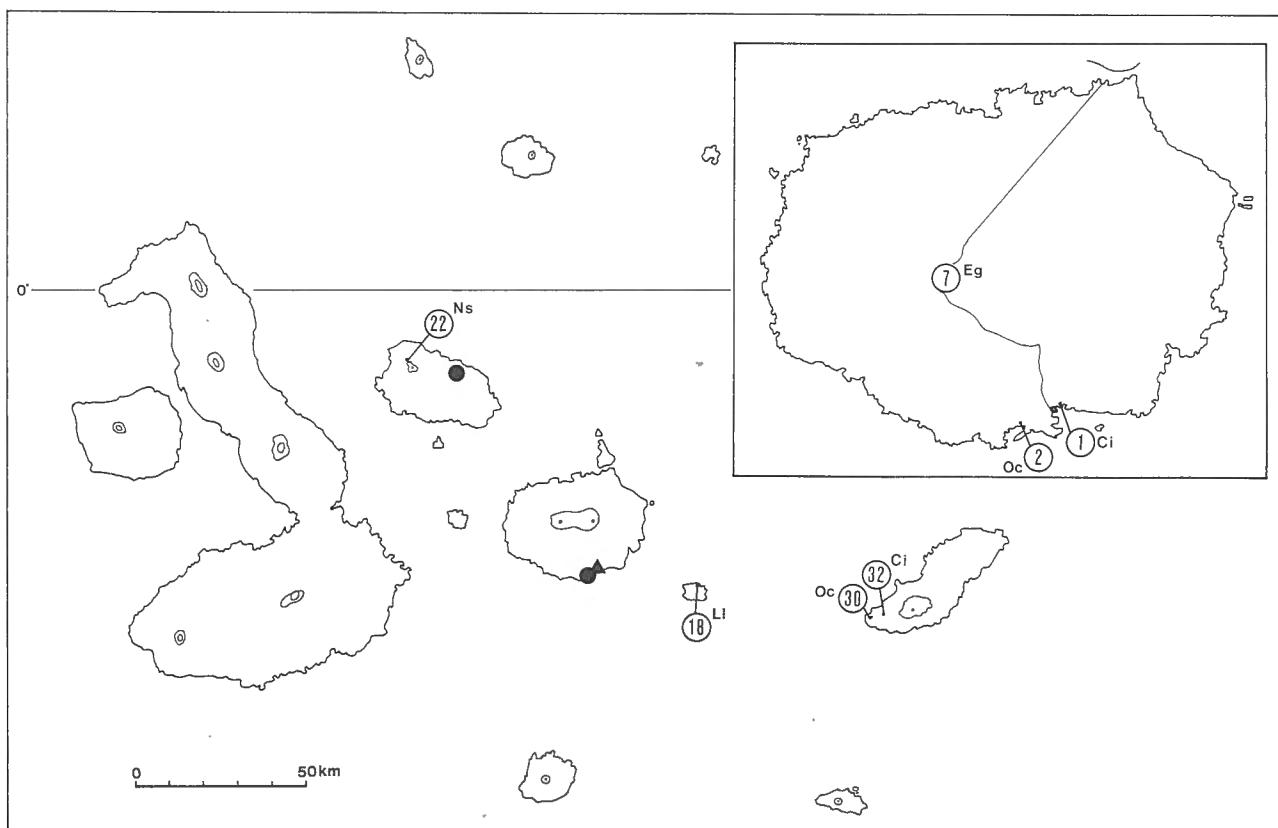
- Baert & Maelfait : SANTA CRUZ : Locality 3 (1 ♂ : III).
- Jacquemart : ISABELA : (1 ♂ : III).
- C.A.S. : SANTA CRUZ : Cerro Mesa at an altitude of 440 m (1 ♂ : IV, V) ; FERNANDINA : Western slope at an altitude of 330 m (1 ♂, 1 ♀ : II) ; ISABELA : (1 ♂, 1 ♀ : IV), SANTIAGO : (1 ♂, 1 ♀ : VI).

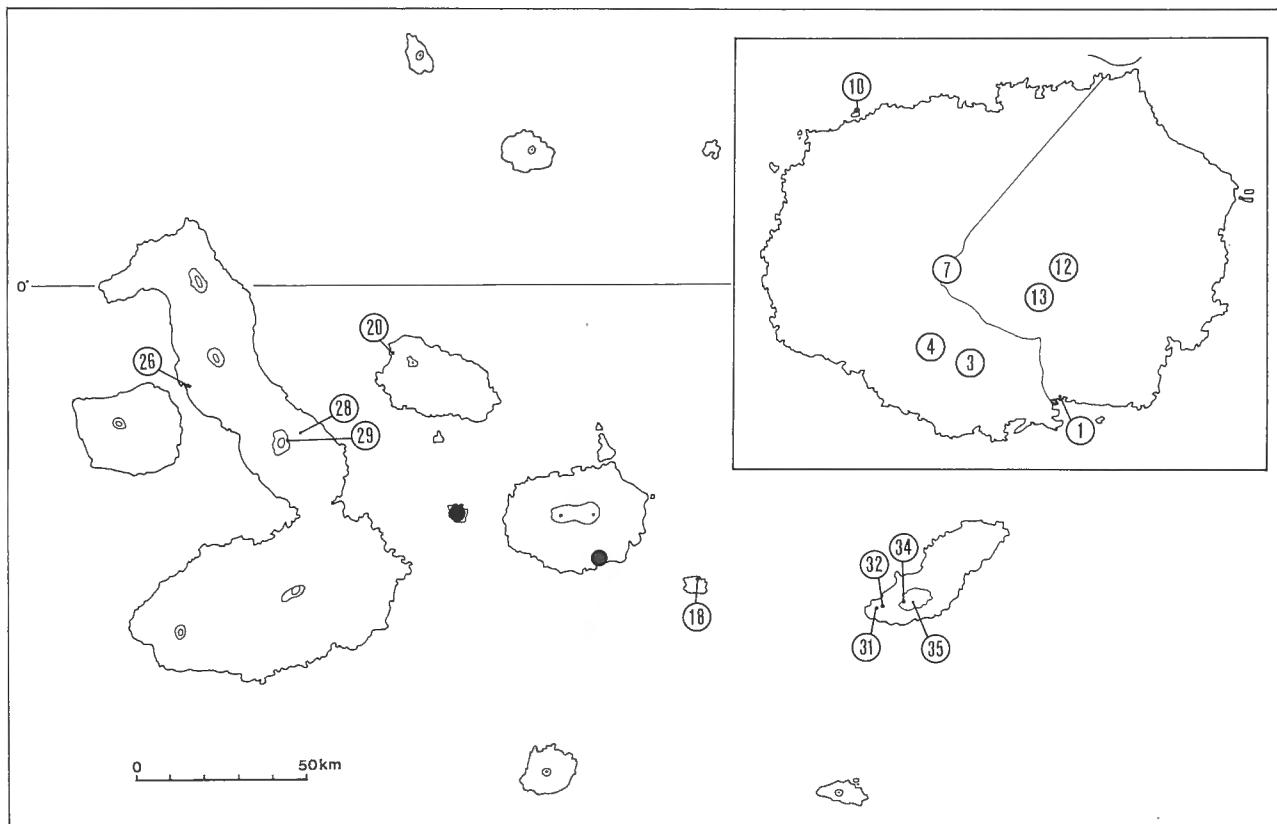
Records mentioned in literature

Fernandina (I, IV : Punta Mangle), Floreana (X), Genovesa (IV), Isabela (I, IV), Santa Cruz and Santiago.

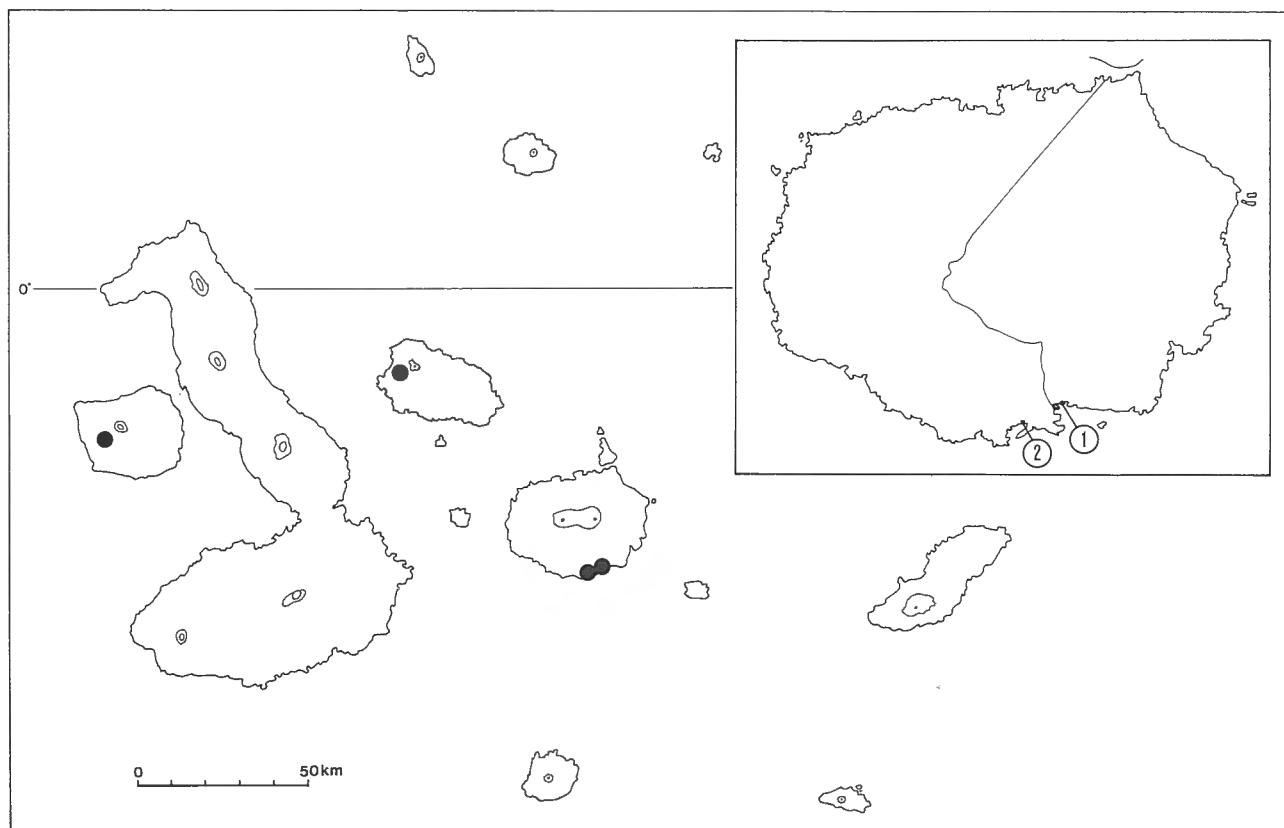
Zoogeographic affinities

Only known from the Galápagos.

Map 16 : *Coryssocnemis conica*.Map 17 : Ns : *Neozimiris santiago* ; Li (●) : *Loxoscelis laeta* ; Eg : *Ero gemelosi* ; Oc (▲) : *Oecobius concinnus* ; Ci : *Coryssocnemis insularis*.



Map 18 : *Darwinneon crypticus*.



Map 19 : *Metacyrba insularis*.

SCYTODIDAE

Scytodes fusca WALCKENAER, 1837

References

Scytodes fusca WALCKENAER, 1837 : BANKS, 1924 : p. 95. - ROEWER, 1942 : p. 323. - BONNET, 1958 : p. 3982. - ROTH & CRAIG, 1970 : p. 118.

Material examined (Map 21)

- Baert & Maelfait : ISABELA : Locality 23 (2 ♀♀, j. : III), Locality 24 (10 ♂♂, 23 ♀♀ : III).
- Leleup : SANTA CRUZ : CDRS (1 ♀ : X) ; FLOREANA : Under stones between 5 and 300 m of altitude (1 ♂, 3 ♀♀ : I) ; ISABELA : Swampy area at 4 Km from the coast (1 ♀ : XI).

Records mentioned in literature

Floreana, Isabela and Santa Cruz (IV).

Zoogeographic affinities

USA, Central America, West Indian Antilles, South America. Kosmotropical (ROEWER, 1942).

Habitat choice

Dry arid and Transition zones.

Scytodes hebraica SIMON, 1891

Scytodes hebraica SIMON, 1891 : - BANKS, 1924 : p. 95. - ROEWER, 1942 : p. 329. - BONNET, 1958 : p. 3984. - ROTH & CRAIG, 1970 : p. 118.

Material examined (Map 21)

- Baert & Maelfait : SANTA CRUZ : Locality 12 (1 ♀ : III).
- C.A.S. : SANTIAGO : NW-slope at an altitude of 600 m (V).

Record mentioned in literature

Genovesa (IV).

Zoogeographic affinities

Guatemala and the West Indian Antilles (St Vincent) (ROEWER, 1942).

Habitat choice

Is found at higher altitudes ; on Santa Cruz in the *Scalesia* zone and on Santiago at an altitude of 600 m.

Scytodes longipes LUCAS, 1845

References

Scytodes longipes LUCAS, 1845 : - BANKS, 1930 : p. 272. - ROEWER, 1942 : p. 321. - BONNET, 1958 : p. 3985. - ROTH & CRAIG, 1970 : p. 118.

Material examined (Map 21)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (1 ♀ : II).
- Leleup : SANTA CRUZ : CDRS (1 ♀, j. : IX, X) ; FLOREANA : under stones (1 ♂, I).
- Jacquemart : SANTA CRUZ : Dry arid zone (1 ♀ with eggcocoon : I).
- C.A.S. : SANTA CRUZ : Horneman farm at an altitude of 220 m (1 ♂, 1 ♀ : IV), CDRS, Bahía de la Academia (♂ ♂, ♀ ♀ : I).

Records mentioned in literature

Floreana, San Cristóbal and Santa Cruz.

Zoogeographic affinities

USA, Central America, the West Indian Antilles and South America. Kosmotropical (ROEWER, 1942).

Habitat choice

Dry arid and Transition zones. In or near human settlements.

SELENOPIDAE

Selenops galapagoensis BANKS, 1902

References

Selenops galapagoensis BANKS, 1902 : p. 63, pl. I, fig. 8. - BANKS, 1930 : p. 276, pl. I, fig. 6. - MUMA, 1953 : p. 9, figs. 7-11. - ROEWER, 1954 : p. 739. - BONNET, 1958 : p. 4019. - ROTH & CRAIG, 1970 : p. 118.

Material examined (Map 22)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (1 ♂, 3 ♀♀, j. : II-IV), Locality 2 (1 ♀ : III), Locality 3 (1 ♀ : III), Locality 7 (j. : III), Locality 13 (j. : III).
- Leleup : SANTA CRUZ : CDRS (2 ♂♂, j. : IX, X).
- C.A.S. : SANTA CRUZ : Bahía de la Academia (1 ♂, 1 ♀ : V), Horneman farm (2 ♀♀ : II, IV), along Bellavistatrail (1 ♂, j. : V) ; FLOREANA.

Records mentioned in literature

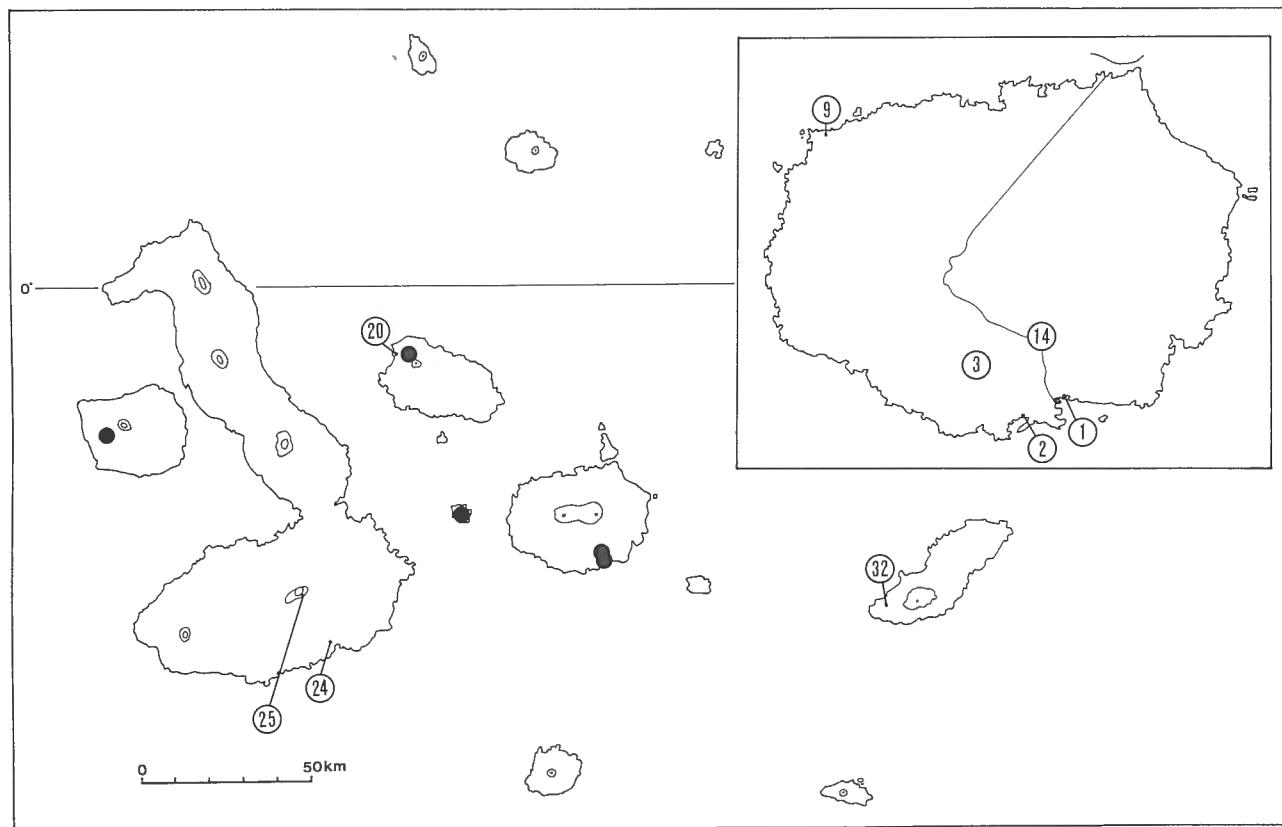
Floreana (IX, XII), Isabela (II), San Cristóbal (II) and Santa Cruz.

Zoogeographic affinities

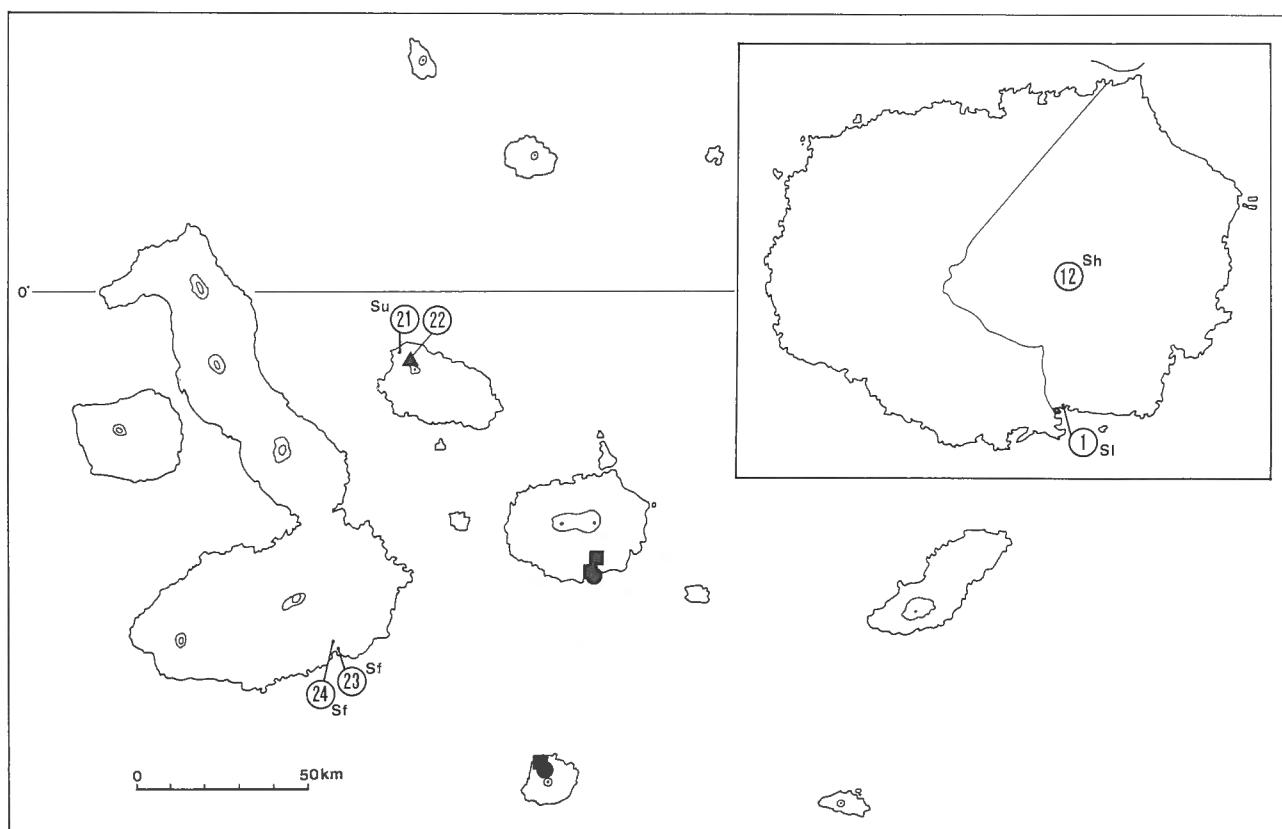
USA, Mexico, Guatemala and Panama (MUMA, 1953).

Habitat choice

From the Dry arid zone up to the higher Fern-sedge zone.



Map 20 : *Frigga crocata*.



Map 21 : *Sf* (●) : *Scytodes fusca* ; *Sh* (▲) : *Scytodes hebraica* ; *Sl* (■) : *Scytodes longipes* ; *Su* (○) : *Sicarius ultriformis*.

SICARIIDAE

Sicarius ultriformis (BUTLER, 1877)

References

- Thomisoides ultriformis* BUTLER, 1877 : p. 77, pl. XIII, figs. 4-4c.
Sicaroïdes ultriformis (BUTLER, 1877) : - BANKS, 1902 : p. 55. - BANKS, 1924 : p. 95.
Sicarius ultriformis (BUTLER, 1877) : - ROEWER, 1942 : p. 319. - BONNET, 1958 : p. 4042. - ROTH & CRAIG, 1970 : p. 118.

Material examined (Map 21)

- Baert & Maelfait : SANTIAGO : Localities 21 and 22 (j. : IV).

Records mentioned in literature

Eden (IV), Española (V : west of Bahía Gardner) and Floreana.

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Dry arid and Transition zones.

THERIDIIDAE

Achaeareana hirta (TACZANOWSKI, 1872)

Material examined (Map 23)

- Baert & Maelfait : ISABELA : Locality 26 (1 ♂ : II), Locality 29 (1 ♂ : IV).

Zoogeographic affinities

Panama, Canal zone, Trinidad, Venezuela, British Guiana, Peru, Brazil, Paraguay and Argentina (LEVI, 1959, 1967).

Habitat choice

Dry arid zone, up to higher altitudes (900 m).

Argyrodes elevatus TACZANOWSKI, 1872

References

- Argyrodes jucundus* CAMBRIDGE, 1880 : - BANKS, 1902 : p. 59. - SNODGRASS, 1902 : p. 73. - BANKS, 1924 : p. 97. - BANKS, 1930 : p. 275. - BONNET, 1955 : p. 714.
Argyrodina jucunda CAMBRIDGE, 1880 : - ROEWER, 1942 : p. 437.
Argyrodes elevatus TACZANOWSKI, 1872 : - EXLINE & LEVI, 1962 : p. 134, figs. 128-132, Map 5. - ROTH & CRAIG, 1970 : p. 119.

Material examined (Map 24)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (8 ♂, 11 ♀, j. : II, III), Locality 2 (j. : II), Locality 8 (1 ♂, 1 ♀ : IV), Locality 9 (5 ♀, ♀ : IV), Locality 10 (13 ♂, 15 ♀, j. : IV); SEYMOUR NORTE : Locality 17 (3 ♂, 5 ♀, ♀ : IV); SANTIAGO : Locality 19 (2 ♀, ♀ : IV), Locality 20 (1 ♂, 2 ♀, ♀, j. : IV), Locality 21 (1 ♀ : IV); ISABELA : Locality 23 (9 ♂, 4 ♀, ♀, j. : III), Locality 24 (2 ♂, 1 ♀ : III), Locality 26 (4 ♂, 2 ♀, ♀, j. : II), Locality 28 (j. : IV), Locality 29 (2 ♂, 1 ♀ : IV); SAN CRISTOBAL : Locality 31 (3 ♂, j. : III). - C.A.S. : SANTIAGO : NW-slope at an altitude of 200 m (1 ♀ : V); SANTA CRUZ : Horneman farm at an altitude of 220 m (1 ♂, 1 ♀ : IV, V), eastern slope at an altitude of 160 m (1 ♂, 1 ♀ : IV), Bahía de la Academia (CDRS) (1 ♂, 1 ♀ : V); FERNANDINA : western slope at an altitude of 330 m (1 ♂, j. : II); ISABELA : northern coast (1 ♂, 1 ♀ : V).

Records mentioned in literature

Fernandina, Floreana (I, VIII, X), Isabela (I, IV), Santa Cruz and Santiago.

Zoogeographic affinities

Southern USA, Mexico, Central America, Cuba, the West Indian Antilles, Venezuela, Ecuador, Peru, Brasil, Paraguay, Argentina and probably Chile (EXLINE & LEVI, 1962 ; LEVI, 1967).

Habitat choice

A kleptoparasite found into the webs of the araneid spiders *Gasteracantha cancriformis*, *Neoscona cooksoni* and mostly *Argiope argentata*. It is not uncommon to find webs parasited by more than 10 of these kleptoparasites.

Argyrodes fictilum (HENTZ, 1850)

Material examined (Map 25)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (1 ♀, j. : III), Locality 5 (j. : III); ISABELA : Locality 24 (j. : III), Locality 26 (1 ♂ : II).

Zoogeographic affinities

Southern Canada, USA, Mexico, Panama canal zone, the West Indian Antilles and Paraguay (?) (EXLINE & LEVI, 1962).

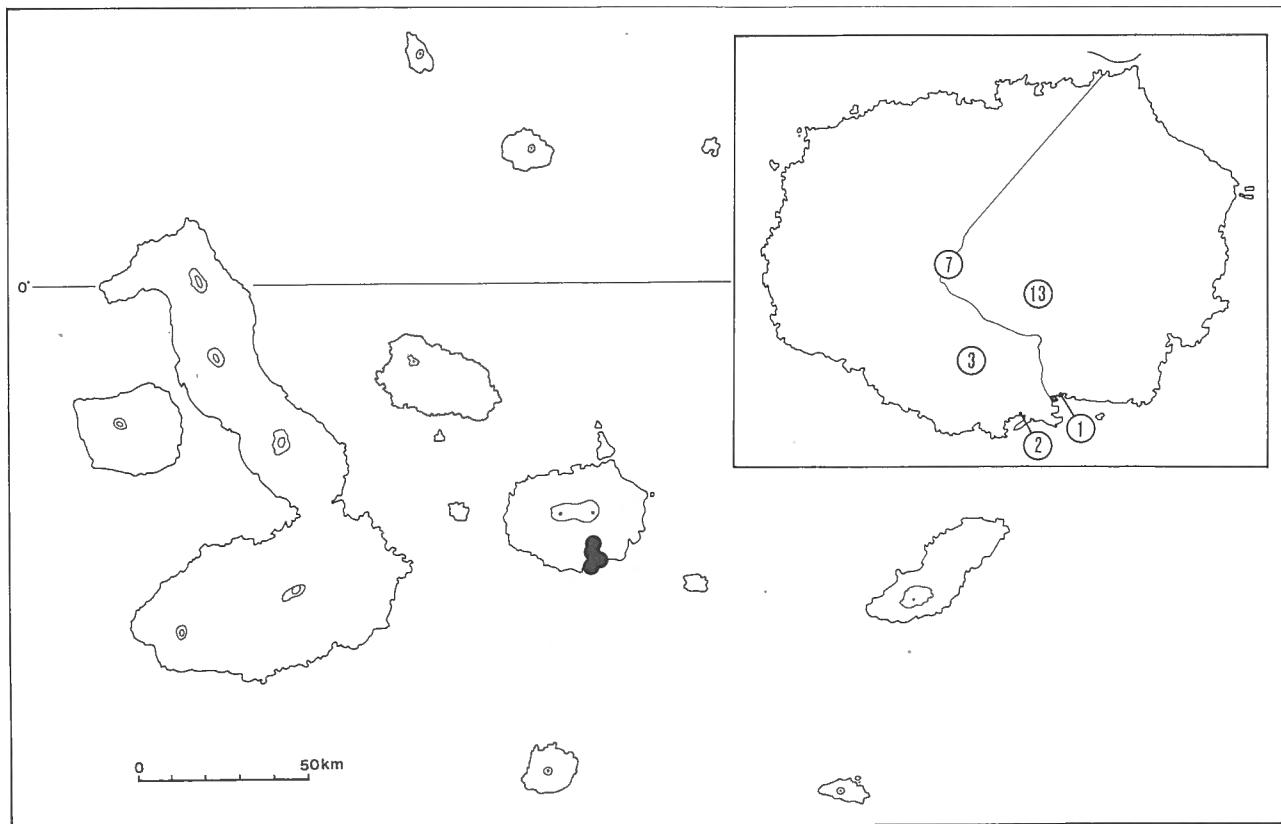
Habitat choice

Dry arid zone in wet situations.

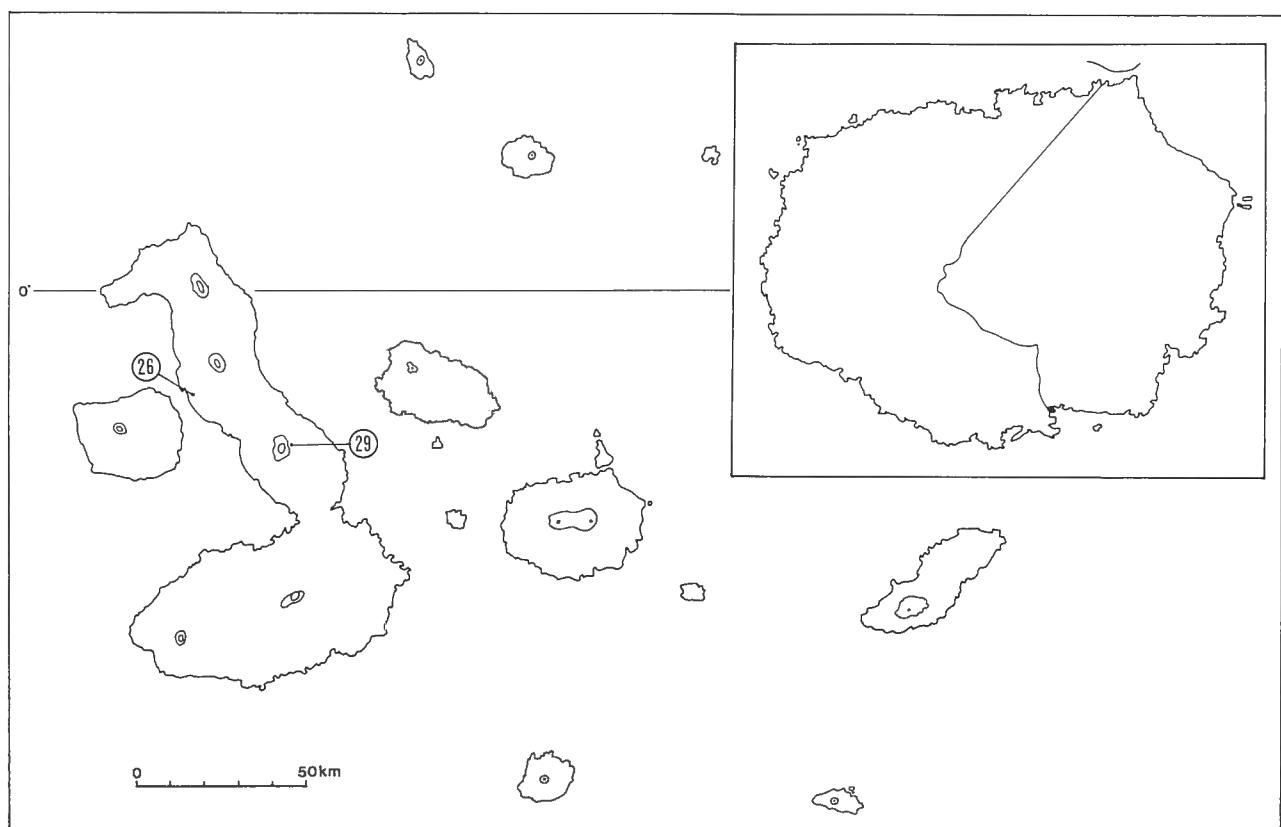
Coleosoma floridanum BANKS, 1900

References

- Theridion interruptum* BANKS, 1908 : BANKS, 1930 : p. 275, figs. 1-2. - ROEWER, 1942 : p. 494. - BONNET, 1959 : p. 4483 (Theridium).



Map 22 : *Selenops galapagoensis*.



Map 23 : *Achaearanea hirta*.

Coleosoma floridanum BANKS, 1900 : - BRYANT, 1944 : p. 54, figs. 3-6. - LEVI, 1959 : p. 6, figs. 12-17, Map 2. - ROTH & CRAIG, 1970 : p. 119.

Material examined (Map 26)

- Baert & Maelfait : SANTA CRUZ. Locality 1 (1♂ : II, III), Locality 5 (7♂♂, 18♀♀, j. : III), Locality 7 (5♀♀, j. : III), Locality 11 (1♀ : IV), Locality 12 (5♂♂, 14♀♀, j. : III), Locality 13 (7♂♂, 18♀♀, j. : II, III) ; SANTIAGO : Locality 19 (1♀ : IV) ; ISABELA : Locality 23 (1♂, 2♀♀, j. : III), Locality 24 (2♂♂, 14♀♀, j. : III), Locality 25 (1♂, 10♀♀, j. : III) ; SAN CRISTOBAL : Locality 30 (1♂ : III).
- Leleup : SANTA CRUZ : Fern-sedge zone between Cerro Biento and Cerro Puntudo at an altitude of 600 m (1♀ : XII), CDRS fissure (-10 m) (1♀ : XII) ; ISABELA : South, swampy area at 4 Km from Villamil (4♀ : XI), south, wood at 17 Km from the coast at an altitude of 250 m (1♂, j. : XI) ; FLOREANA : under stones at an altitude between 5 and 300 m (1♀ : I). - Jacquemart : SANTA CRUZ : Coast (2♂♂ : II) ; SAN CRISTOBAL : Culture zone (1♂, 1♀ : II).
- C.A.S. : SANTA CRUZ : Cerro Mesa at an altitude of 440 m (1♂, 1♀ : IV), CDRS at the Bahía de la Academia (2♀♀, j. : II), grassland at an altitude of 750 m (♂♂, ♀♀ : IV), Horneman farm at an altitude of 220 m (j. : IV).

Records mentioned in literature

Floreana (IX, XI, XII), Isabela, San Cristóbal and Santa Cruz.

Zoogeographic affinities

Southern USA, El Salvador, Panama canal zone, the West Indian Antilles, Cuba, Venezuela, Colombia, Peru, Brazil, India (?) and New Hebrides (?) (LEVI, 1959, 1967).

Habitat choice

From Dry arid zone up to the Fern-sedge zone.

Latrodectus apicalis BUTLER, 1877

References

- Theridion carolinum* BUTLER, 1877 : p. 75, pl. XIII, figs. 3-3b.
- Latrodectus apicalis* BUTLER, 1877 : p. 75, pl. XIII, figs. 5-5b. - MARX, 1889 : p. 210.
- Latrodectus scelio* THORELL, 1870 : - MARX, 1889 : p. 210.
- Lathrodetus apicalis* BUTLER, 1877 : - BANKS, 1902 : p. 59. - SNODGRASS, 1902 : p. 73. - BANKS, 1924 : p. 97. - BANKS, 1930 : p. 276.
- Latrodectus mactans* (FABRICIUS, 1775) : - ROEWER, 1942 : p. 428. - BONNET, 1957 : p. 2372.
- Latrodectus hasselti* THORELL, 1870 : - BONNET, 1957 : p. 2369.

Latrodectus curacaviensis (MULLER, 1776) : - LEVI, 1959 : p. 38, figs. 2-4, 16-18, 35-36, 68-71, Map 6. *Latrodectus apicalis* BUTLER, 1877 : - ROTH & CRAIG, 1970 : p. 119.

Material examined (Map 27)

- Baert & Maelfait : SEYMOUR NORTE : Locality 17 (4♀♀ : IV) ; SANTIAGO : Locality 21 (j. : IV) ; ISABELA : Locality 26 (2♀♀, j. : II), Locality 28 (j. : IV), Locality 29 (j. : IV).
- Leleup : SANTA CRUZ : Coast (1♀ : IX).
- C.A.S. : FLOREANA : (1♂, 1♀, j. : V, X) ; PINTA : Southern coast (1♀, j. : V).

Records mentioned in literature

Baltra (IV), Floreana (IV, V, VIII, XI) : Bahía del correo and Playa Negra), Genovesa (VI), Isabela, Marchena (VI), Pinta, San Cristóbal (V) and Santa Cruz (IV).

Zoogeographic affinities

Only known from the Galápagos.

Habitat choice

Dry arid zone.

Latrodectus geometricus C.L. KOCH, 1841

Material examined (Map 27)

- Baert & Maelfait : SANTA CRUZ : Locality 16 (3♀♀ : IV).

Zoogeographic affinities

Kosmotropical (LEVI, 1959).

Habitat choice

Dry arid zone.

Theridion calcynatum HOLMBERG, 1876

References

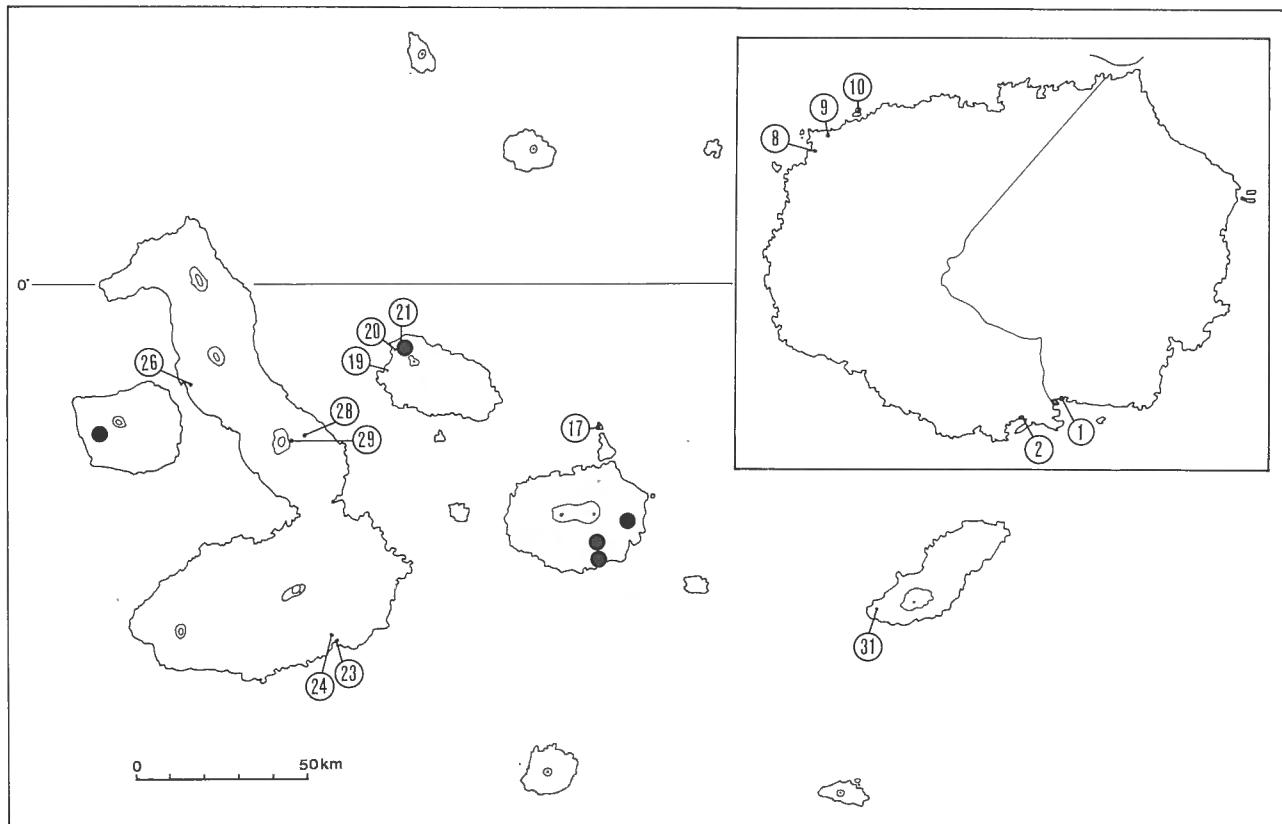
- Theridium* sp. : - BANKS, 1902 : p. 59.
- Theridion calycinatum* HOLMBERG, 1876 : - ROTH & CRAIG, 1970 : p. 119.

Material examined (Map 28)

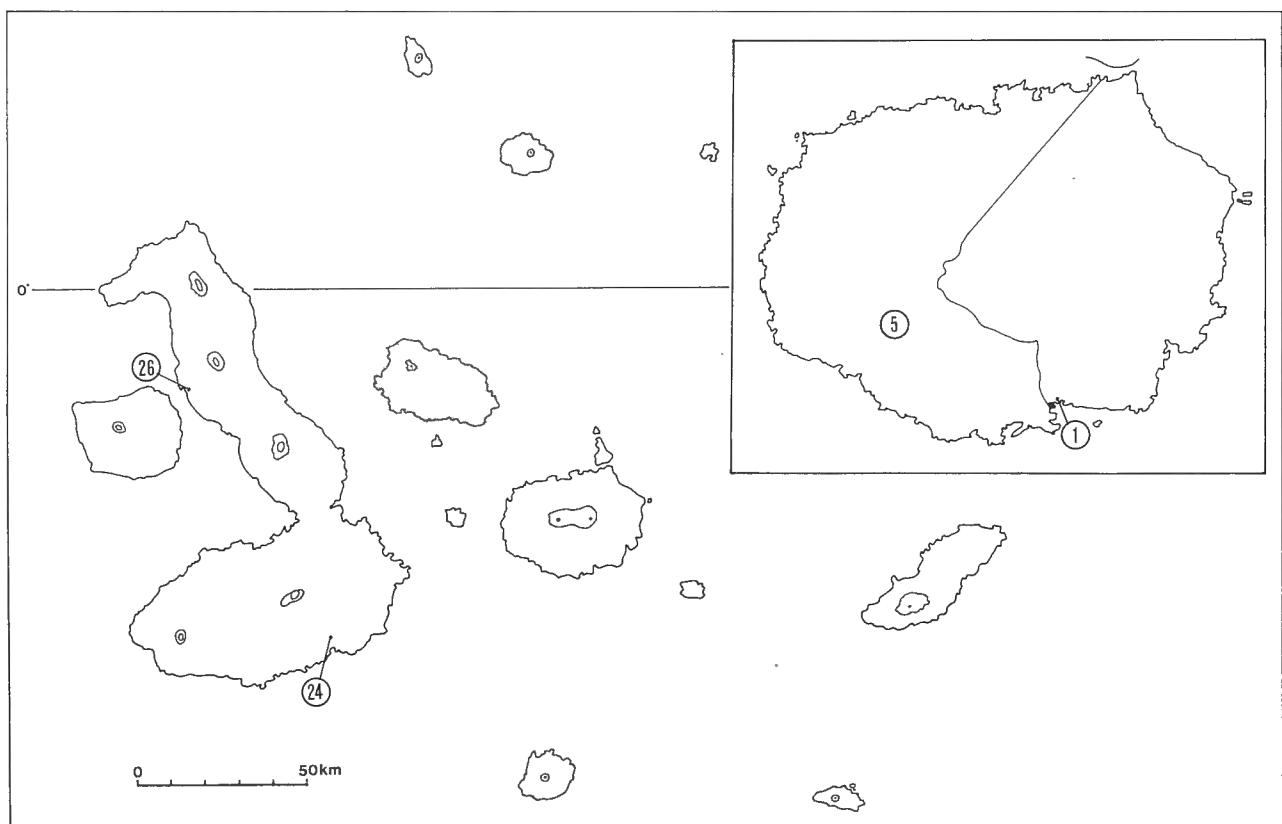
- Baert & Maelfait : SANTA CRUZ : Locality 12 (1♂, 5♀♀, j. : III), Locality 13 (1♂, 2♀♀, j. : III), Locality 14 (1♂, 1♀ : III).
- Jacquemart : PINTA : Grassland (1♂ : II).
- C.A.S. : FERNANDINA : W-slope at an altitude of 330 m (1♀ : II).

Records mentioned in literature

Fernandina and Isabela (I).



Map 24 : *Argyrodes elevatus*.



Map 25 : *Argyrodes fictilum*.

Zoogeographic affinities

Venezuela, Peru, Brazil, Bolivia and Argentina (LEVI, 1963).

Habitat choice

Transition, *Scalesia* and Fern-sedge zones.

Theridion coldeniae* BAERT & MAELFAIT, 1986*References**

Theridion coldeniae BAERT & MAELFAIT, 1986 : p. 55, figs. 5-9.

Material examined (Map 28)

- Baert & Maelfait : SANTA CRUZ : Locality 9 (2♀ ♀ : IV), Locality 10 (1♀ : IV), Locality 15 (1♀ : II) ; SANTIAGO : Locality 21 (14♂ ♂, 10♀ ♀, j. : IV) ; ISABELA : Locality 25 (j. : III), Locality 26 (2♂ ♂, 5♀ ♀, j. : II), Locality 27 (52♂ ♂, 10♀ ♀ : IV), Locality 28 (7♂ ♂, 9♀ ♀, j. : IV), Locality 29 (3♂ ♂, 8♀ ♀, j. : IV) ; SANTA FE : Locality 18 (1♀ : IV).
- Leleup : SANTA CRUZ : Bahía Tortuga, dune, under stone (1♀ : I).
- Jacquemart : ISABELA : Volcán Alcedo (1♀ : III).
- Lubin : SANTIAGO : Los Guayabillos at an altitude of 270 m (1♀ : IV).

Zoogeographic affinities

Only known from the Galápagos.

Theridion rufipes* LUCAS, 1846*References**

Theridion rufipes LUCAS, 1846 : - LEVI, 1957 : p. 56 and 116, figs. 188-193, Map 18. - ROTH & CRAIG, 1970 : p. 119.

Material examined (Map 28)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (3♀ ♀ : II) ; ISABELA : Locality 23 (2♂ ♂, 5♀ ♀, j. : III), Locality 24 (4♀ ♀, j. : III) ; SAN CRISTOBAL : Locality 32 (2♀ ♀ : III).
- Leleup : SANTA CRUZ : CDRS (1♀ : IX).
- C.A.S. SANTA CRUZ : Cerro Mesa at an altitude of 440 m (1♀ : IV).

Records mentioned in literature

Floreana and Santa Cruz.

Zoogeographical affinities

USA, Costa Rica, the West Indian Antilles, Panama, Venezuela, Colombia, Ecuador, Peru, Brasil and Paraguay (LEVI, 1957, 1959, 1963, 1967). In or near buildings.

Habitat choice

Mostly found in human settlements.

Tidarren sisyphooides* (WALCKENAER, 1841)*References**

- Theridium mixtum* CAMBRIDGE, 1898 : - BANKS, 1902 : p. 59. - SNODGRASS, 1902 : p. 72.
- Tidarren mixtus* CAMBRIDGE, 1898 : - ROEWER, 1942 : p. 508. - LEVI, 1955 : p. 72.
- Tidarren mixtus* CAMBRIDGE, 1898 : - BONNET, 1959 : p. 4619.
- Tidarren sisyphooides* (WALCKENAER, 1841) : - ROTH & CRAIG, 1970 : p. 119.

Material examined

- Leleup : SANTA CRUZ : Bahía Tortuga, dunes (j. : I).
- C.A.S. : SANTA CRUZ : Eastern slope at an altitude of 160 m (1♀ : IV).

Records mentioned in literature

Fernandina (IV : Southeastern slope), Isabela (III : Caleta Tagus), Santa Cruz and Santiago (IV : Bahía de James).

Zoogeographic affinities

USA, Mexico, Panama, Costa Rica, Cuba, the West Indian Antilles and Peru (LEVI, 1955).

THOMISIDAE***Misumenops inclusus* (Banks, 1902)****References**

- Misumena inclusa* BANKS, 1902 : p. 62, Pl. I, fig. 12. - SNODGRASS, 1902 : p. 78.
- Misumenops inclusus* (BANKS, 1902) : - ROEWER, 1954 : p. 847. - BONNET, 1957 : p. 2957. - ROTH & CRAIG, 1970 : p. 119.

Material examined (map 27)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (1♂, 1♀ : II).

Records mentioned in the literature

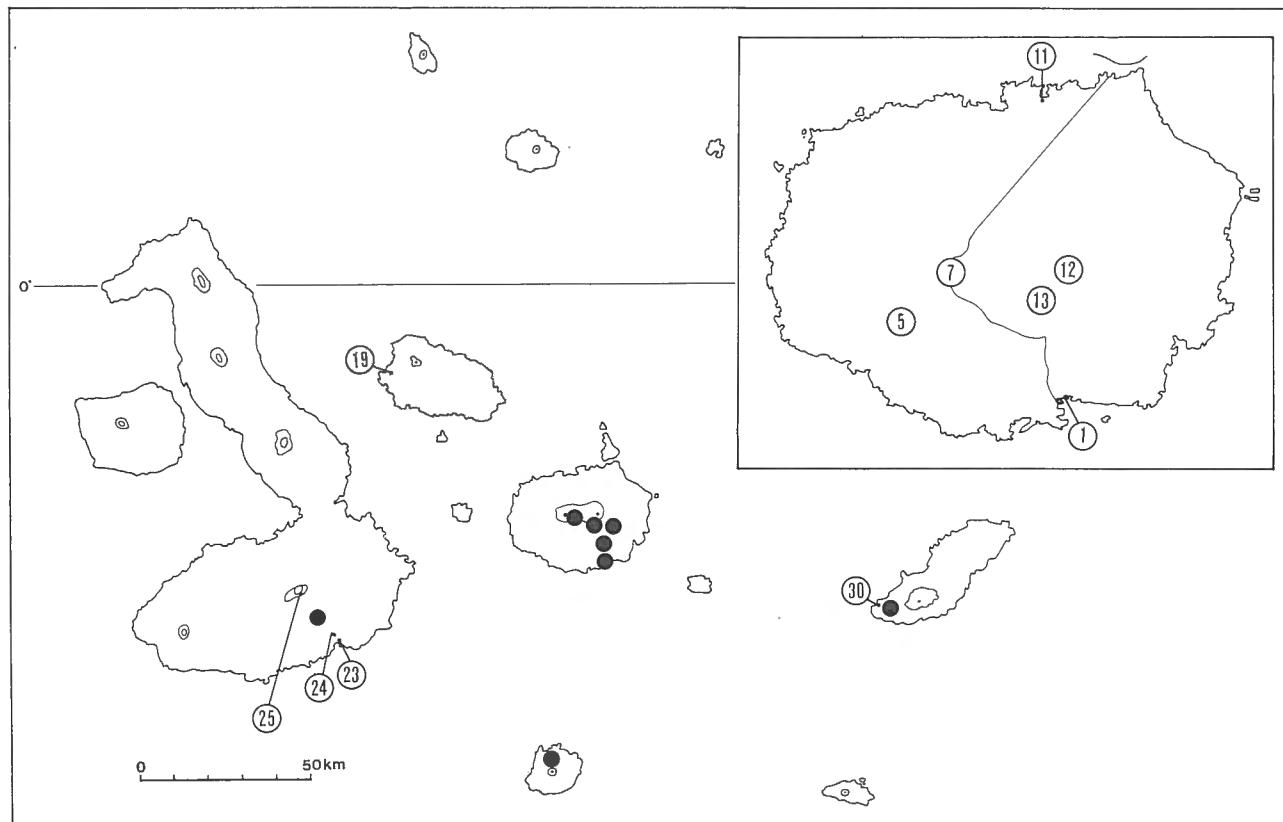
Isabela (III : Tagus cove, Elisabeth bay), Santa Cruz.

Zoogeographic affinities

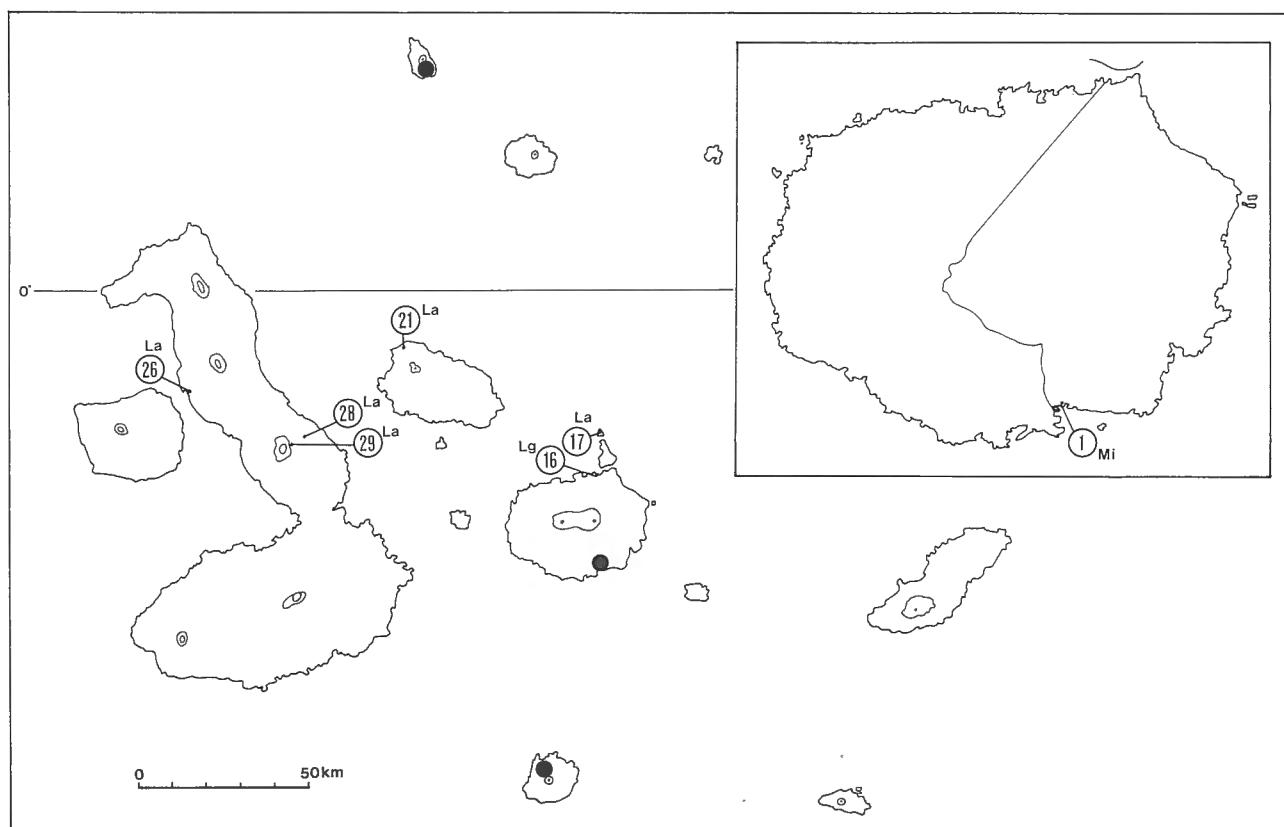
Only known from the Galápagos.

Tmarus stolzmanni* KEYSERLING, 1892*References**

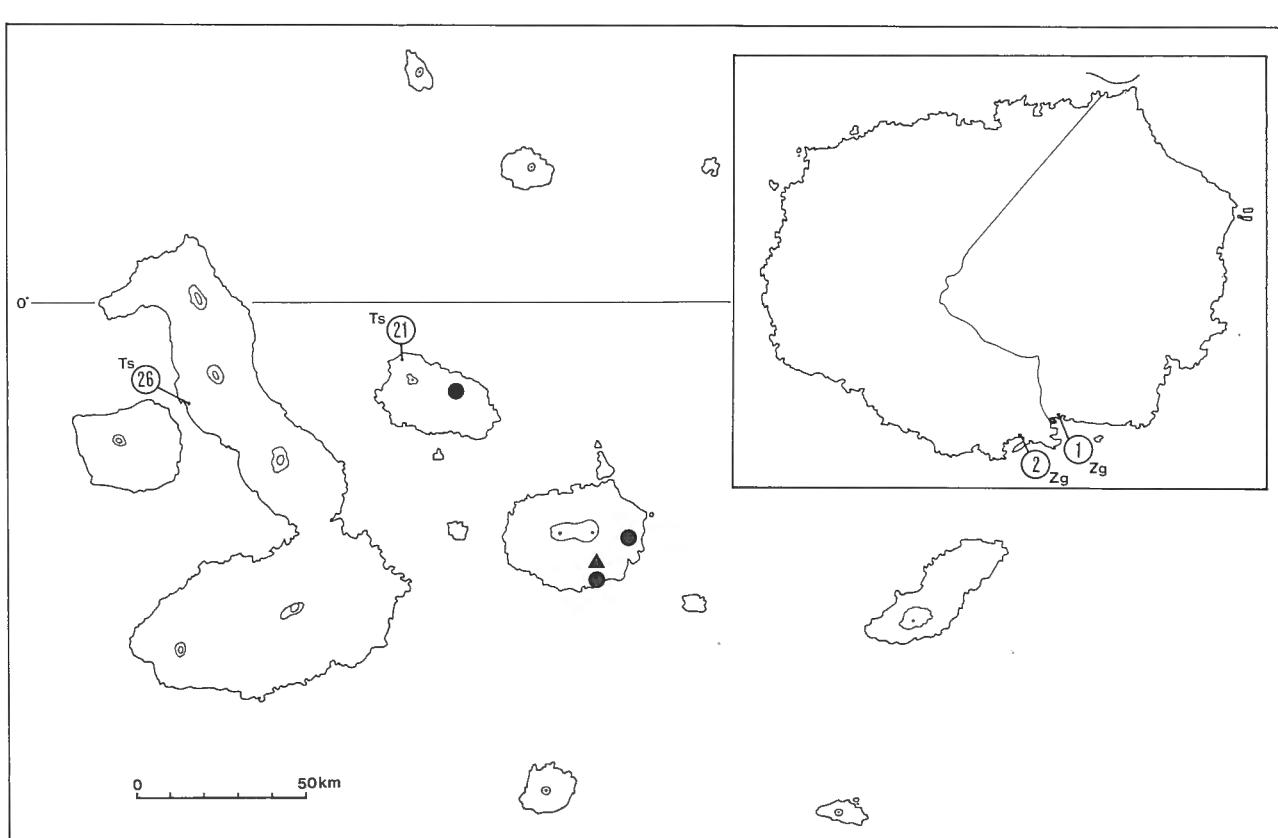
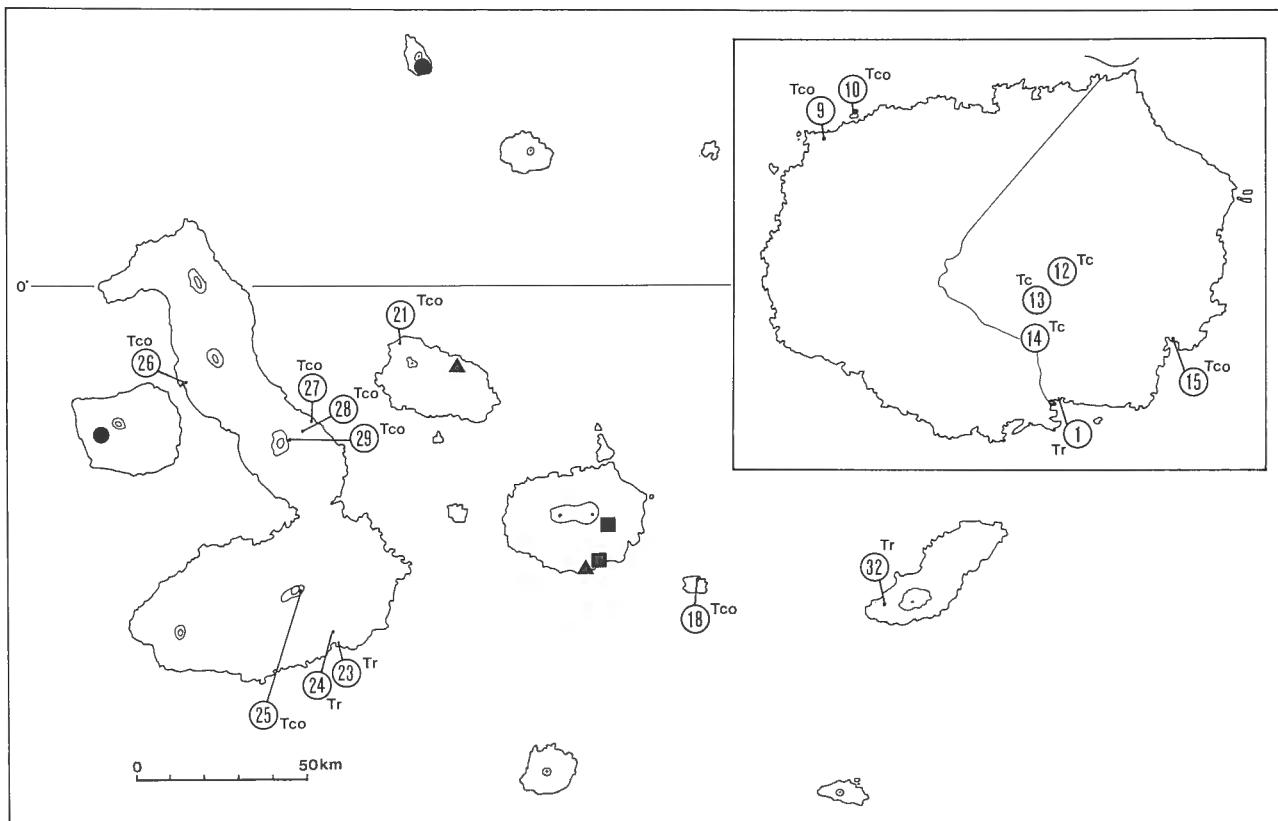
- Tmarus stolzmanni* KEYSERLING, 1892 : - BANKS, 1902 : p. 62, pl. II, fig. 5. - SNODGRASS, 1902 : p. 78. - BANKS, 1930 : p. 276.
- Onoculus stolzmanni* KEYSERLING, 1892 : - ROEWER, 1954 : p. 758. - BONNET, 1958 : p. 3185.



Map 26 : *Coleosoma floridanum*.



Map 27 : La (●) : *Latrodectus apicalis* ; Lg : *Latrodectus geometricus* ; Mi : *Misumenops inclusus*.



Tmarus stolzmanni KEYSERLING, 1892 : - ROTH & CRAIG, 1970 : p. 119. - LUBIN, 1983 : p. 18. - LUBIN, 1985 : p. 492.

Material examined (Map 29)

- Baert & Maelfait : SANTIAGO : Locality 21 (j. : IV) ; ISABELA : Locality 26 (j. : II).
- Leleup : SANTA CRUZ : CDRS (1 ♀ : IX).
- Lubin : SANTIAGO : Los Guayabillos at an altitude of 270 m (1 ♂, 2 ♀ ♀ : IV).
- C.A.S. : SANTA CRUZ : Eastern slope at an altitude of 160 m (1 ♂ : IV).

Records mentioned in literature

Floreana (X, XI), Isabela (III : Caleta Tagus), Santa Cruz and Santiago (IV : Los Guayabillos).

Zoogeographic affinities
Peru (ROEWER, 1954).

Habitat choice

Dry arid and Transition zone.

ULOBORIDAE

Zosis geniculatus (OLIVIER, 1789)

References

Uloborus sp. : ROTH & CRAIG, 1970 : p. 119.

Zosis geniculatus (OLIVIER, 1789) : - OPELL, 1979 : p. 510, figs. 169-174, Map 2.

Material examined (Map 29)

- Baert & Maelfait : SANTA CRUZ : Locality 1 (9 ♀ ♀.j. : II), Locality 2 (5 ♀ ♀ : II).
- Leleup : SANTA CRUZ : Cave at 3.5 Km northeast of Puerto Ayora (1 ♂, 5 ♀ ♀, j. : XI).
- C.A.S. : SANTA CRUZ : Horneman farm at an altitude of 220 m (1 ♂, 1 ♀ : IV).

Record mentioned in literature

Santa Cruz.

Zoogeographic affinities

Central America, the West Indian Antilles, Colombia and Suriname (OPELL, 1979).

Habitat choice

In the Dry and Transition zones, in cave situations.

Acknowledgements

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